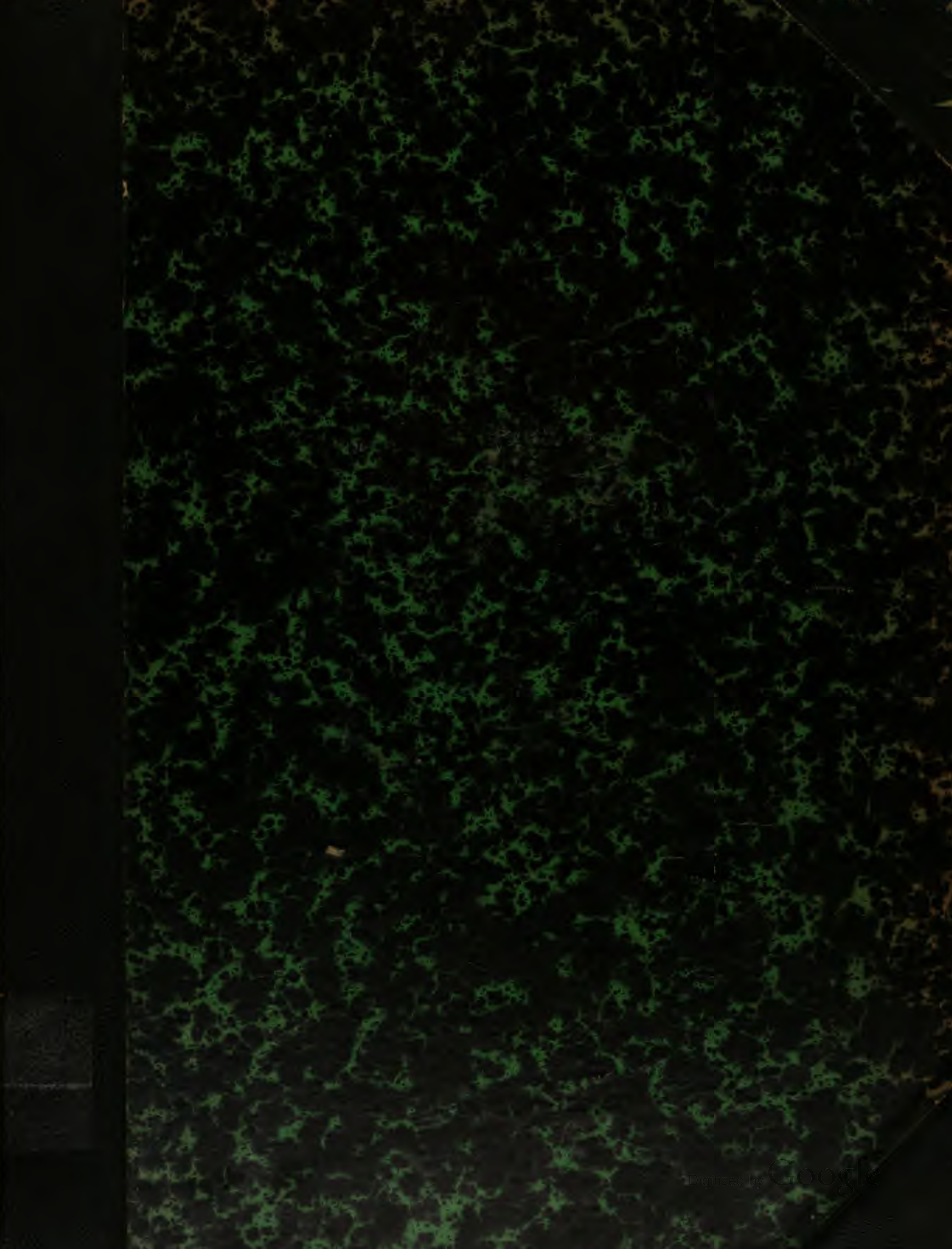


CATALOG DER ASTRONOMISCHEN GESELLSCHAFT.

ZONE $+20^\circ$ BIS $+25^\circ$.

CATALOG

DER

ASTRONOMISCHEN GESELLSCHAFT.

ERSTE ABTHEILUNG.

CATALOG DER STERNE BIS ZUR NEUNTEN GRÖSSE

ZWISCHEN 80° NÖRDLICHER UND 2° SÜDLICHER DECLINATION

FÜR DAS AEQUINOCTIUM 1875.

ZEHNTES STÜCK.

ZONE +20° BIS +25°

BEOBACHTET AUF DER STERNWARTE

BERLIN.

LEIPZIG 1895.

IN COMMISSION BEI WILHELM ENGELMANN.

CATALOG VON 9208 STERNEN

ZWISCHEN 20° 0' UND 25° 10' NÖRDLICHER DECLINATION 1855

FÜR DAS AEQUINOCTIUM

1875

NACH ZONEN-BEOBACHTUNGEN AM PISTOR UND MARTINS'SCHEN MERIDIANKREISE

DER

KÖNIGLICHEN STERNWARTE ZU BERLIN

IN DEN JAHREN 1879 BIS 1883

VON

E. BECKER.

HERAUSGEGEBEN VON DER ASTRONOMISCHEN GESELLSCHAFT.

LEIPZIG 1895.

IN COMMISSION BEI WILHELM ENGELMANN.



EINLEITUNG.

§ 1. Beobachtungsprogramm.

Der nachstehende Catalog umfasst die nördliche Abtheilung des 10° breiten Gürtels, welchen die Berliner Sternwarte im Anschluss an das Zonenunternehmen der Astronomischen Gesellschaft zur Bearbeitung übernommen hatte; seine obere Grenze bildet nach der programmmässig geforderten Erweiterung nach Norden der Parallel von 25° 10' nördlicher Declination (1855.0); als untere Grenze ist dagegen der die beiden Hälften trennende Parallel 20° 0' beibehalten, da bei der Bearbeitung der südlichen Abtheilung durch zahlreiche Beobachtungen von Sternen der nördlichen Hälfte der Anschluss beider Theile bereits gesichert war. Innerhalb dieser Grenzen enthält die Bonner Durchmusterung 7874 Sterne bis und einschliesslich der Grösse 9.0, und 956 schwächere Sterne, die als in älteren Beobachtungssammlungen (L, K, R) vorkommend bezeichnet sind. Eine Vergleichung des Weisse'schen Catalogs und — für die Sterne 9-10 — des Catalogs Baily-Lalande hat zu diesen noch 68 Sterne unter 9.0 hinzugefügt, so dass die Anzahl der programmmässig zu bestimmenden und zu catalogisirenden Sterne auf 8898 stieg. Der folgende Catalog enthält 9208 Nummern, die eben so vielen verschiedenen Objecten angehören; davon liegen 180 ausserhalb des Programms, 135 Sterne, welche durch Einschluss der BD-Nummer in eckige Klammern gekennzeichnet sind, und weitere 45, die in der B.D. nicht vorkommen, und 137 fallen in die Kategorie der Sterne, die der schwächeren Vergrösserung des bei der Bonner Durchmusterung benutzten Fernrohrs als einfach erschienen, in Wirklichkeit aber aus zwei einander nahe stehenden Sternen bestehen. Hiernach sind der Beobachtung 7 Sterne entgangen, darunter vier schwächere, 20°2744 22°2477 24°1136 24°2496, die von Bessel beobachtet, bei der Aufstellung der Beobachtungsliste aber übersehen worden sind. Von den drei übrigen ist an Stelle von 22°1579 $9^{m}.5$ R ein 12^{s} folgender Stern beobachtet, der in der B.D. nicht enthalten und zur Zeit der Beobachtung jedenfalls heller gewesen ist als der Programmstern; am 22. März 1895 wurden die beiden Sterne von Herrn Dr. Kobold am grossen Refractor der Strassburger Sternwarte 9.8 und 9.3 geschätzt. In gleicher Weise ist der Stern 22°3272 8.9 am Berliner Instrument nicht gesehen und statt seiner der 9^{s} folgende und $0'.9$ nördlichere Stern 22°3274 $9^{m}.2$ beobachtet worden. Nach gefälliger Mittheilung von Herrn Prof. Küstner ist ein Versehen in der B.D. zum mindesten unwahrscheinlich; auch hat Herr Dr. Kobold, nachdem er am 6. März 1895 bei dunstigem Himmel an dem Orte keinen Stern erkannt hatte, am 22. März einen Stern 11^{m} notirt, der bis auf $-1^{s}.5$ mit dem Orte des vermissten Sterns übereinstimmt. Es ist daher der Verdacht begründet, dass der Stern veränderlich ist. Endlich erklärt sich das Uebersehen des Sterns 20°3329 daraus, dass — nach Mittheilung von Herrn Prof. Küstner — der Ort in der B.D. durch ein bei der Identificirung vorgekommenes Versehen um $4'.5$ zu nördlich angesetzt ist und der Stern in Folge dessen von mir mit einem 7^{s} folgenden Stern verwechselt wurde. Der letztere ist auch in Bonn beobachtet, aber als isolirte Bestimmung nicht in den Catalog aufgenommen.* Sämmtliche 7 Sterne sind nachträglich auf der Strassburger Sternwarte bestimmt worden, ihre Positionen sind am Schlusse des Catalogs aufgeführt.

Die Sterne sind im allgemeinen zweimal, häufig dreimal und öfter beobachtet worden, die durchschnittliche Anzahl der Beobachtungen eines Sterns ist 2.7; nur einmal beobachtet sind 116 Sterne, von denen

* Nach Herrn Prof. Küstner würde die betreffende Angabe der BD. lauten müssen

20° 3329	$9^{m}.3$	$16^{h}\,40^{m}\,0^{s}.2$	+20° $15'.1$	K
3329^{a}	9.5	4.3	+20 20.8	

und die zufällig in demselben Sinn entstellte Beobachtung Bessel's wahrscheinlich um +1 Theilstrich, die Declination Weisse XVI 1262 um −3' zu corrigiren sein.

106 ausserhalb des Programmes liegen, 10 ihm angehören, aber bei der beabsichtigten Wiederholung mit anderen Sternen verwechselt sind. Uebrigens sind alle nur einmal beobachteten Sterne entweder durch Vergleichung mit anderen vorhandenen Bestimmungen oder durch mikrometrische Anschlüsse geprüft worden, so dass auch ihre Positionen innerhalb der Grenzen der zutälligen Beobachtungsfehler als verbürgt gelten können.

§ 2. Instrument und Beobachtungsverfahren.

Da die Originalbeobachtungen und ihre Bearbeitung bereits veröffentlicht sind, beschränke ich mich hier darauf die wichtigsten Momente hervorzuheben, indem ich im übrigen auf die ausführlicheren Darlegungen in jener Publication* verweise. Die Beobachtungen begannen mit Zone 1 1879 Nov. 10 und wurden mit Zone 432 1883 Febr. 19 abgeschlossen; ein Verzeichniss der einzelnen Beobachtungstage ist hier als Anhang zum Catalog S. 187-8 gegeben. Als Instrument diente der vorzügliche Meridiankreis von Pistor und Martins mit Objectiv von 189^{mm} Oeffnung und $2^{m}.62$ Brennweite und zwei von zwei zu zwei Minuten getheilten dreifüssigen Kreisen; die angewandte Vergrösserung war eine 230fache. Die Beobachtungen am Fernrohr sind von mir gemacht, während Herr Dr. Weinstein, bis auf eine Zone, bei welcher Herr Prof. Dr. Küstner die Gefälligkeit hatte einzutreten, und vereinzelte von mir allein angestellte Beobachtungen, die Kreisablesungen ausgeführt hat. Die Antritte an die Fäden wurden registrirt, bei den Zonensternen im allgemeinen an einer aus fünf Fäden bestehenden Gruppe, bei den Anhaltsternen an drei, meist vier oder auch fünf Gruppen; in entsprechender Weise wurden die ersteren in der Regel nur einmal, die letzteren drei- bis fünfmal in die Mitte des horizontalen Fadenpaars — mit Ausnahme der Zonen 1 bis 31, bei denen der eine Faden als Collimationslinie diente — eingestellt. Der Kreis, in beiden Lagen des Instruments derjenige auf der Klemmseite, wurde durchweg nur an einem Mikroskop, jedoch an beiden den Nullpunct einschliessenden Strichen abgelesen und die Ablesung bei der Reduction für die wiederholt und sicher bestimmte Excentricität verbessert. Die Declination des Pols der horizontalen Drehungsachse wurde bis auf seltene Ausnahmen allabendlich und meist vor und nach den Zonenbeobachtungen, der übrigens sehr beständige Collimationsfehler in angemessenen Zeiträumen bestimmt. Ein Hauptaugenmerk wurde bei der Beobachtung, wie bei der Bearbeitung auf die Erfüllung der Forderung einer streng differentiellen Positionsbestimmung gerichtet; die Anhaltsterne wurden daher in unmittelbarem Anschluss an die zu bestimmenden Sterne möglichst gleichmässig über die Dauer der Zone vertheilt und in der Beobachtung von jenen nur durch die grössere Zahl der registrirten Antritte und der Einstellungen unterschieden. In Declination wurde ihre Auswahl so getroffen, dass sie sich nicht zu weit von der Zonenmitte entfernten und symmetrisch zu beiden Seiten vertheilt waren. Diese Bedingungen waren, zumal im weitern Verlauf der Arbeit, nicht immer zu erfüllen, und zuweilen mussten Sterne zur Nullpunctsbestimmung herangezogen werden, die beiderseits auf 15° bis 20° von der Zone entfernt waren. Wenn zwar diess auch nur Ausnahmefälle waren und die Anhaltsterne zum weitaus grössten Theil in einem etwa 16° breiten die Zone symmetrisch einschliessenden Gürtel liegen, so erschien es doch nothwendig bei der Bearbeitung die zwar geringe, aber unverkennbare Abhängigkeit der Nullpuncte von der Declination in ihrem Betrage zu ermitteln und zur Uebertragung der ausserhalb der Declinationsgrenzen der Zone liegenden Nullpuncte auf die Zonenmitte in Rechnung zu bringen. Zur Beurtheilung der Sicherheit der Nullpuncte sei bemerkt, dass der mittlere Fehler eines $\Delta u + m$ bez. eines Aequatorpuncts $\pm 0^{s}.024$ bez. $\pm 0''.42$ gefunden wurde und dass eine Zone von normaler Ausdehnung (etwa 60 Zonensterne umfassend) durchschnittlich sich auf 6 Nullpuncte stützt.

§ 3. Unterschied der beiden Lagen und Helligkeitsgleichung.

Bei dem rein differentiellen Anschluss und der hohen Qualität des angewandten Instruments konnte im voraus erwartet werden, dass ein systematischer Unterschied der in beiden Lagen gemachten Bestimmungen von grösserm Betrage nicht vorhanden sei. Die Rechnung hat diess bestätigt.

Im Mittel aus allen je einmal Kr. W. und Kr. O. beobachteten Sternen ergab sich:

Grösse	$\Delta\alpha(w-o)$	mittl. Fehler	$\Delta\delta(w-o)$	mittl. Fehler	Anzahl d. St.
>6.0	$-0^{s}.003$	$\pm 0^{s}.0044$	$0''.00$	$\pm 0''.08$	48
6.0 — 6.9	−0.003	±0.0031	+0.05	±0.05	163
7.0 — 7.9	−0.004	±0.0018	−0.01	±0.03	510
8.0 — 8.9	−0.006	±0.0009	−0.01	±0.01	2241
9.0 — 9.2	−0.007	±0.0013	−0.06	±0.02	1062
9.3 — 9.5	−0.014	±0.0043	−0.10	±0.06	118

* Astronomische Beobachtungen auf der Königlichen Sternwarte zu Berlin. Zweite Serie. Band I. Zonenbeobachtungen der Sterne zwischen 20 und 25 Grad nördlicher Declination ausgeführt und bearbeitet von Dr. E. Becker, Professor der Astronomie und Director der Kais. Univ.-Sternwarte zu Strassburg i. E., vormals erster Observator der Königl. Sternwarte zu Berlin, herausgegeben von Dr. W. Foerster, Professor der Astronomie und Director der Königlichen Sternwarte zu Berlin. — Berlin 1892.



In Declination liegen die Unterschiede fast ganz innerhalb der Grenzen der Unsicherheit und können als verschwindend angesehen werden. In Rectascension ist dagegen eine kleine aber offenbar reelle und mit abnehmender Helligkeit wachsende Differenz vorhanden, die sehr wahrscheinlich in einer geringen Verschiebung des Lichtschwerpuncts in den beiden Objectivlagen ihren Ursprung hat und von der noch sogleich die Rede sein wird.

Um den Einfluss der Helligkeit auf die Beobachtung beider Coordinaten zu ermitteln, habe ich sogleich nach Abschluss der Zonenbeobachtungen an 13 Abenden eine Anzahl von Sternen bei demselben Durchgang abwechselnd in ihrer natürlichen Helligkeit und nach Abschwächung mittelst eines vor das Objectiv gehaltenen feinen Drahtgitters von $3^{m}7$ bez. $2^{m}2$ Absorption beobachtet. Bezeichnen Δt und Δz die Aenderungen, welche die Beobachtung der Durchgangszeit und der Zenithdistanz durch die modificirte Auffassung erleiden, wenn die Helligkeit des Objectes sich um eine Grössenclasse vermindert, so haben sich im Mittel folgende Werthe ergeben*:

Grösse	Δt	m. F.	Anz. d. Beob.	Δz	m. F.	Anz. d. Beob.
			Kr. W.			
3.28	$+0^{s}0078$	$\pm0^{s}0030$	13	$-0''138$	$\pm0''044$	13
4.56	+0.0049	±0.0022	24	−0.053	±0.033	23
5.50	+0.0046	±0.0019	33	−0.064	±0.028	32
6.41	+0.0068	±0.0018	36	−0.035	±0.027	36
7.46	+0.0044	±0.0030	14	−0.007	±0.043	14
8.37	+0.0042	±0.0053	4	+0.001	±0.080	4
			Kr. O.			
3.11	$+0^{s}0117$	$\pm0^{s}0033$	9	$-0''076$	$\pm0''044$	9
4.55	+0.0107	±0.0024	17	+0.003	±0.033	17
5.52	+0.0075	±0.0018	33	−0.031	±0.024	31
6.39	+0.0062	±0.0016	36	−0.006	±0.022	36
7.52	+0.0102	±0.0021	23	−0.001	±0.028	23
$8.^{38}_{26}$	+0.0120	±0.0049	4	+0.047	±0.083	2.5

wo die angesetzten mittleren Fehler aus dem für eine Bestimmung aus einer Beobachtung gefundenen mittlern Fehler (Kr. W. $\pm0^{s}0108$ $\pm0''159$ Kr. O. $\pm0^{s}0099$ $\pm0''132$) und der jedesmaligen Anzahl der Beobachtungen berechnet sind. Vereinigt man, ohne Rücksicht auf die in der Ostlage angedeutete, aber durch das vorliegende Material nicht genügend festzustellende Abhängigkeit von der Helligkeit, die Einzelwerthe Δt in jeder Lage zu einem Mittelwerth, so folgt:

	Δt	
Kr. W.	$+0^{s}0056$	(124 Beob. mittl. F. $\pm0^{s}0011$)
Kr. O.	+0.0085	(122 » » » ±0.0011)

Der Unterschied $W-O = -0^{s}0029$ übersteigt zwar seinen mittlern Fehler noch nicht um das doppelte, es ist aber bemerkenswerth und es spricht für die Realität der gefundenen Zahlen, dass er seinem Zeichen und nahe auch seinem Betrage nach die Unterschiede der nicht corrigirten Rectascensionen in den beiden Instrumentlagen wiedergibt. Unter Annahme der mittleren Helligkeit der Anhaltsterne gleich $4^{m}0$ würde sich als Einfluss der ungleichen Auffassung die Differenz $\alpha(w)-\alpha(o)$ ergeben für die Sterne $5^{m}5$ $-0^{s}004$, für die Sterne $7^{m}5$ $-0^{s}010$ und für die Sterne $9^{m}5$ $-0^{s}016$, während die direct ermittelten Unterschiede sind $>6^{m}$ $-0^{s}003$, $7^{m}0$ bis $7^{m}9$ $-0^{s}004$, $9^{m}3$ bis $9^{m}5$ $-0^{s}014$. Das Mittel der beiden Δt ist $+0^{s}0070$ und sagt aus, dass ich die Antritte der schwächeren Sterne um einen Betrag von $0^{s}007$ pro Grössenclasse später beobachtet habe.

Der Einfluss der Helligkeit auf die Einstellung der Sterne in die Mitte eines horizontalen Fadenpaars ist nach Ausweis der obigen Zahlen an sich geringer, zugleich aber, soweit man aus dem übereinstimmenden Gang der Werthe Δz in den beiden Lagen des Instruments schliessen darf, nicht von linearer Form. Man erhält einen befriedigenden Anschluss durch die Ausdrücke

$$\text{Kr. W.}\quad \Delta z = -0''0443 + 0''0247\,(m-6.0)$$
$$\text{m. F.}\quad \pm0.0079 \quad \pm0.0061$$
$$\text{Kr. O.}\quad \Delta z = -0.0135 + 0.0123\,(m-6.0)$$
$$\text{m. F.}\quad \pm0.0093 \quad \pm0.0074$$

welche die Fehler B.—R. übrig lassen:

Kr. W.	Kr. O.
$-0''026$	$-0''027$
+0.027	+0.034
−0.007	−0.012
−0.001	+0.003
+0.001	−0.006
−0.014	+0.033

Hiernach hätten die Declinationen der schwächeren Sterne in der Westlage um etwa $0''1$ grösser beobachtet werden müssen, als in der Ostlage, während sie nach Ausweis der Zahlen p. (6) gleich oder eher etwas

* A. a. O. p. XLV.

kleiner gefunden sind. Wird hierdurch auch die Gültigkeit der obigen Ausdrücke abgeschwächt, insofern die Verschiedenheit der Auffassung in den beiden Lagen durch die directen Beobachtungen nicht bestätigt wird, so wird doch das Bestehen einer kleinen Helligkeitsgleichung auch in Declination dadurch in keiner Weise widerlegt und man wird dafür den aus der Gesammtheit der Beobachtungen ohne Unterschied der Lagen resultirenden Werth anzunehmen haben:

$$\Delta s = -0''029 + 0''021(m - 6.0)$$

Durch Integration folgen hieraus die an die Declinationen anzubringenden Verbesserungen:

Mittlere Grösse der Anhaltsterne	Grösse der Zonensterne 4.0	5.0	6.0	7.0	8.0	9.0	10.0
3.0	−0''08	−0''14	−0''18	−0''20	−0''20	−0''18	−0''13
4.0	0.00	−0.06	−0.10	−0.12	−0.12	−0.10	−0.05
5.0	+0.06	0.00	−0.04	−0.06	−0.06	−0.04	+0.01

Da für die Mehrzahl der Zonen die mittlere Grösse der Anhaltsterne sich wenig von 4.0 entfernt, so wird durch die Helligkeitsgleichung in Declination der einzelne Ort nur um einen innerhalb der Grenzen seiner eigenen Unsicherheit liegenden Betrag geändert werden — anders in Rectascension, wo die auch erheblich sicherer begründete Verbesserung für die schwächeren Sterne auf eine halbe Bogensecunde ansteigt. Gleichwohl habe ich von der Berücksichtigung der Helligkeitsgleichung bei den Catalogpositionen für beide Coordinaten Abstand nehmen müssen, nachdem mir von einer dahin gehenden allgemeinen Entscheidung des Vorstandes der Gesellschaft Mittheilung gemacht worden war. Es muss demnach denen, die den Catalog benutzen, überlassen werden, die erforderlichen Correctionen nachträglich anzubringen, und ich füge zu diesem Zweck die mittleren Grössen der Anhaltsterne derjenigen Zonen bei, bei denen der Unterschied von $4^m.0$ 0.6 Grössenclasse übersteigt:

Z.		Z.		Z.		Z.		Z.		Z.	
15	$3^m.2$	79	$4^m.7$	179	$4^m.8$	246	$4^m.8$	303	$4^m.7$	363	$3^m.0$
63	4.9	81	4.8	180	3.0	248	4.9	325[a]	3.2	364	3.1
65	4.9	82	4.7	181	4.8	261	3.1	327	3.1	389[a]	4.9
67	4.7	87	4.8	209	4.9	265	3.2	330	3.0	390[a]	5.1
69	4.7	147	4.7	216	3.2	275	3.2	333	3.2	390[c]	4.7
72	4.8	151	4.7	244	4.9	302	4.7	347	2.9	395	3.1
										407	3.2

§ 4. Ableitung der Positionen des Catalogs.

Was die Ableitung der Positionen des Catalogs aus den einzelnen Bestimmungen angeht, so habe ich vor geraumer Zeit umfangreiche Untersuchungen über die den einzelnen Zonen anhaftenden constanten Fehler angestellt, indem ich die Unterschiede einer jeden Zone mit allen übrigen, welche Sterne mit ihr gemein hatten, bildete und das Mittel derselben in erster Näherung als Fehler der Zone ansah, hierauf eine zweite Approximation ausführte, wobei die zuerst erlangten Verbesserungen in Rechnung gebracht wurden. Es ist mir aber in der Folge zweifelhaft geworden, ob den so ermittelten Zahlen die Bedeutung von thatsächlichen Verbesserungen zukomme, einmal wegen der häufig sehr geringen Anzahl von Referenzzonen, besonders aber weil bei der meist sehr sicheren Nullpunctsbestimmung etwaige systematische Abweichungen hauptsächlich in einer Veränderung der Auffassungsweise ihren Grund gehabt haben werden, letztere aber durch so rasch veränderliche Factoren, wie Ermüdung des Auges, Aenderungen in der Ruhe und Schärfe der Bilder u. a. bestimmt wird, dass von einem innerhalb der ganzen Ausdehnung der einzelnen Zonen constanten Fehler kaum die Rede sein kann. Ich habe daher schliesslich die bereits in den Manuscript-Catalog eingetragenen, überdiess im Mittel nur unbedeutenden systematischen Correctionen wieder verworfen und die Bestimmungen unverändert, so wie die Beobachtung sie ergeben hatte, benutzt. Um aber dem Einfluss der kleinen Gestaltfehler der Zapfen und der zufälligen Theilfehler besser Rechnung zu tragen, wurden bei ungleicher Vertheilung auf die beiden Lagen des Instruments die Beobachtungen einmal ohne Rücksicht auf letztere in ein Mittel zusammengezogen, ein zweites Mal getrennt für die Lagen Mittelwerthe gebildet und das Mittel aus diesen mit dem erstern zur definitiven Position vereinigt. Ist die Anzahl der Beobachtungen (w) in der Westlage m und in der Ostlage (o) n, so ist demnach die im Catalog angesetzte Position

$$\frac{1}{2}\left\{\frac{\Sigma w + \Sigma o}{m+n} + \frac{1}{2}\left(\frac{\Sigma w}{m} + \frac{\Sigma o}{n}\right)\right\}$$

§ 5. Mittlere Fehler der Positionen des Catalogs.

Zur Beurtheilung der Sicherheit der Positionen können die folgenden Zahlen dienen, welche, abgeleitet aus den mittleren, wenn erforderlich für die kleine constante Differenz verbesserten Unterschieden zwischen den beiden Bestimmungen aller zweimal beobachteten Sterne, den mittlern Fehler einer Beobachtung darstellen:

Grösse	Mittl. Grösse	ε_α	ε_δ	Anz. d. St.
>6.0		±0ˢ.022	±0".38	48
6.0...6.9	6.46	0.028	0.43	163
7.0...7.9	7.49	0.029	0.41	510
8.0...8.9	8.53	0.030	0.45	2241
9.0...9.2	9.04	0.031	0.44	1062
9.3...	9.34	0.033	0.43	118

Sieht man von dem ersten, wegen der kleineren Anzahl von Sternen weniger sichern Werthe ab, so ist die Genauigkeit in Declination für sämmtliche Grössenclassen nahe dieselbe und nimmt auch in Rectascension für die schwächeren, in dem siebenzölligen Objectiv unter einigermafsen günstigen Luftverhältnissen bei genügender Feldbeleuchtung immer noch unschwer erkennbaren Sternen nur unerheblich ab. Man wird im Mittel annehmen können $\varepsilon_\alpha \pm 0^s.030$ $\varepsilon_\delta \pm 0''.44$ und daraus als mittlern Fehler einer auf zwei Beobachtungen beruhenden Position in RA. ±0ˢ.021 (in Bogen gr. Kr. ±0".29), in Decl. ±0".31 erhalten.

Zu nahe identischen Werthen gelangt man, wenn man den mittlern Fehler einer Beobachtung aus den partiellen Fehlern zusammensetzt, unter Annahme des bei dem streng relativen Anschluss gewiss sehr genäherten Ausdrucks $\varepsilon^2 = \varepsilon_z^2 + \varepsilon_0^2 : n$, worin ε_z den mittlern Fehler in der Beobachtung eines Zonensterns, ε_0 den mittlern Fehler eines Nullpuncts und n die durchschnittliche Anzahl der Nullpuncte für eine Zone bezeichnen. Im Mittel ist* für eine Gruppe von 5 Fäden $\varepsilon_z = \pm 0^s.028$, für die helleren Sterne einige Einheiten weniger, für die Sterne unter 9.2 etwas grösser; ferner wurde der mittlere Fehler eines Nullpuncts in RA. ±0ˢ.024 gefunden, hieraus folgt für $n = 6$ $\varepsilon_\alpha = \pm 0^s.030$ in genauer Uebereinstimmung mit dem obigen Werth. In Declination hat sich der mittlere Fehler eines Nullpuncts zu ±0".42 ergeben; bringt man hiervon den mittlern Fehler der Declinationen der Anhaltsterne mit ±0".20 in Abzug, so folgt als mittlerer Fehler eines Nullpuncts, soweit er aus der Unsicherheit der Einstellung des Fernrohrs und der Ablesung des Kreises, den zufälligen Theilfehlern und etwaigen anderen Fehlerquellen hervorgeht, ±0".37. Der mittlere Fehler einer Pointirung beträgt einschliesslich des zufälligen Fehlers der Einstellung des Mikroskops für die Anhaltsterne ±0".26; setzt man die durchschnittliche Anzahl der Einstellungen für letztere gleich 3, so folgt als mittlerer Betrag des zufälligen Theilfehlers ±0".34. Für die Zonensterne kann man im Durchschnitt aus allen Sternen als mittlern Fehler der Pointirung und Ablesung ±0".28 ansetzen und erhält damit $\varepsilon_z = \sqrt{0''.28^2 + 0''.34^2} = \pm 0''.44$; mithin $\varepsilon_\delta = \sqrt{0''.44^2 + \frac{0''.42^2}{6}} = \pm 0''.47$, nur wenige Hundertel grösser als der durch directe Vergleichung je zweier Beobachtungen desselben Sterns gefundene Betrag.

Trotz dieser fast völligen Uebereinstimmung der auf zwei verschiedenen Wegen gefundenen mittleren Fehler darf es nicht überraschen, wenn man durch Vergleichung der Positionen dieses Catalogs mit anderen Catalogen zu merklich grösseren Beträgen gelangt. Der erste Catalog, den ich zur Ermittelung der mittleren Fehler zugezogen habe, ist der Catalog von Romberg. Aus 383 zu etwa vier Fünfteln den Grössenclassen 7.0—9.0 angehörenden Sternen folgt der mittlere Fehler einer Differenz Be.—Rbg. ±0ˢ.061 ±0".54. Nach p. 12 der Einleitung des genannten Catalogs ist der mittlere Fehler einer Beobachtung ±0ˢ.078 und ±0".57, der mittlere Fehler einer im Durchschnitt auf 3.7 Beobachtungen beruhenden Position $\pm\frac{0^s.078}{\sqrt{3.7}}$ $\pm\frac{0''.57}{\sqrt{3.7}}$; aus den obigen Zahlen ergibt sich unter Annahme einer durchschnittlichen Anzahl von 2.7 Beobachtungen für den vorliegenden Catalog $\pm\frac{0^s.030}{\sqrt{2.7}}$ $\pm\frac{0''.44}{\sqrt{2.7}}$ und hieraus der mittlere Fehler einer Differenz Be.—Rbg. ±0ˢ.045 ±0".40.

Für den Greenwicher Ten-year Catalogue folgt aus 253 meist helleren Sternen, im Mittel der 6.2 Grösse, der mittlere Fehler einer Differenz Be.—Gr. ±0ˢ.041 ±0".61. Berechnet man denselben hingegen aus den mittleren Fehlern der Positionen der einzelnen Cataloge und nimmt für Greenwich den mittlern Fehler gleich $\sqrt{0^s.024^2 + \frac{0^s.050^2}{n}}$ und $\sqrt{0''.24^2 + \frac{0''.74^2}{n}}$ ($n = 5.0$ bez. 6.4), so ergibt sich der mittlere Fehler einer Differenz Be.—Gr. ±0ˢ.037 ±0".46.

In beiden Fällen kommt demnach zu den individuell aus den Abweichungen der Einzelbeobachtungen von einander ermittelten Fehlern noch ein weiterer Fehler im Betrage von 0ˢ.01 bis 0ˢ.03 und 0".2 bis 0".3 hinzu, der zum Theil aus der Nichtberücksichtigung des Einflusses der Helligkeit, in den vorliegenden Fällen hauptsächlich aber wohl daraus herzuleiten sein wird, dass die Beobachtungen desselben Sternes auch in den zwei Lagen des Instruments als nicht ganz unabhängig von einander betrachtet werden können, vielmehr immer noch mit kleinen constanten Fehlern behaftet sind.

§ 6. Verhalten zum Fundamental-Catalog der A. G.

Obwohl sowohl das Beobachtungsverfahren als auch der bei der Reduction eingeschlagene Weg einen nahen Anschluss an das den Anhaltsternen zu Grunde liegende System zu verbürgen scheinen, so ist es doch

* A. a. O. p. VIII.

nicht überflüssig, den Anschluss durch directe Vergleichungen, sei es mit dem A. G.-Catalog oder mit anderen in ihrer Beziehung zu ihm genau untersuchten Catalogen, zu prüfen. Zu diesem Zweck wurden zunächst die Oerter sämmtlicher in der Zone oder vielmehr innerhalb der Declinationsgrenzen 19° und 25° liegenden Anhaltsterne mit den angenommenen Nullpuncten berechnet und die Abweichungen der einzelnen Beobachtungen jedes Sternes von dem A. G.-Orte zu Mittelwerthen vereinigt. Indem hierauf diese mittleren Abweichungen von vier zu vier RA.-Stunden wiederum in Mittel zusammen gezogen werden, einmal nach Maſsgabe der Anzahl der Beobachtungen und ein zweites Mal nach der Anzahl der Sterne, ergaben sich die Unterschiede:

RA.	Be.—AGC.		Anz. d. Beob.	Be.—AGC.		Anz. d. Sterne
0^h— 3^h	$0^s.000$	−0″.05	135	$-0^s.001$	−0″.04	9
4 — 7	0.000	+0.06	265	+0.001	+0.06	9
8 — 11	+0.002	+0.01	77	+0.003	+0.01	4
12 — 15	−0.008	−0.01	80	−0.007	−0.01	5
16 — 19	+0.009	+0.08	96	+0.008	0.00	6
20 — 23	+0.004	+0.14	231	+0.005	+0.13	10

Erwägt man, dass bei der kleinen Anzahl von Sternen auch die zufälligen Fehler der AGC.-Oerter an den obigen Unterschieden noch einen merklichen Antheil haben können — unter anderen würde der Ausschluss der beiden Sterne 24 Vulpeculae und *τ* Pegasi, welche Abweichungen von +0″.51 (35 Beob.) und +0″.42 (28 Beob.) übrig lassen, den letzten Werth um 0″.12 (0″.09) verkleinern — so darf die obige Darstellung durchaus als befriedigend gelten.

In zweiter Linie wurde der Catalog von Romberg verglichen. Nach Eintheilung der Sterne in drei Classen nach der Helligkeit ergaben sich aus den im Anhang gegebenen und für Eigenbewegung in der Zwischenzeit der beiderseitigen Epochen verbesserten Einzelwerthen die folgenden mittleren Unterschiede Be. — Rbg.:

	> $6^m.0$				$6^m.1$ — $8^m.0$				< $8^m.0$			
0^h— 2^h	$5^m.7$	$+0^s.029$	+0″.12	9 St.	$7^m.1$	$+0^s.016$	−0″.02	22 St.	$8^m.8$	$+0^s.023$	+0″.12	18 St.
3 — 5	5.3	−0.005	−0.20	12 »	7.3	+0.017	−0.06	24 »	8.5	+0.010	−0.09	22 »
6 — 8	5.2	−0.014	−0.02	5 »	7.2	+0.015	+0.26	25 »	8.7	+0.007	+0.26	20 »
9 — 11	4.8	+0.002	−0.24	8 »	7.3	+0.021	−0.06	24 »	8.7	−0.008	+0.02	25 »
12 — 14	5.3	+0.050	−0.14	8 »	7.2	+0.054	−0.12	17 »	8.7	+0.015	−0.09	10 »
15 — 17	5.2	+0.016	−0.39	8 »	7.3	+0.002	−0.20	13 »	8.5	−0.002	+0.10	15 »
18 — 20	5.3	+0.027	−0.32	10 »	6.9	+0.015	−0.27	24 »	8.6	+0.005	+0.10	24 »
21 — 23	5.5	+0.017	−0.23	3 »	7.3	+0.006	−0.18	15 »	8.5	+0.031	+0.13	22 »

Die Mittelwerthe sind:

$5^m.3$ $+0^s.016$ −0″.18 $7^m.2$ $+0^s.018$ −0″.06 $8^m.6$ $+0^s.009$ +0″.07

verbessert man sie für die Helligkeitsgleichung Be.:

$-0^s.009$ −0″.07 $-0^s.016$ −0″.12 $-0^s.032$ −0″.11

so bleiben die Beträge übrig

$+0^s.007$ −0″.25 $+0^s.002$ −0″.18 $-0^s.023$ −0″.04

deren Realität vorausgesetzt Romberg die schwächeren Sterne $0^s.02$ bis $0^s.03$ später und 0″.1 bis 0″.2 südlicher beobachtet haben würde als die helleren. Es möchte aber wohl richtiger sein, aus diesen Zahlen keinen weitern Schluss zu ziehen als dass die Helligkeitscorrection für Romberg sehr klein ist und sein Sterncatalog auch nach dieser Richtung einer besonderen Homogenität sich erfreut. Ich habe daher alle drei Classen in eine vereinigt (mittlere Sterngrösse 7.5) und folgende Octantenmittel gebildet, neben welche die von Auwers in den Astr. Nachr. Nr. 3195-6 gegebenen Relationen AGC. — Rbg. und die Unterschiede (Be. — Rbg.) — (AGC. — Rbg.) gesetzt sind:

RA.	Be. — Rbg.			AGC. — Rbg.		Diff.	
0^h— 2^h	$+0^s.021$	+0″.05	49 St.	$-0^s.002$	−0″.06	$+0^s.023$	+0″.11
3 — 5	+0.009	−0.10	58 »	−0.005	−0.02	+0.014	−0.08
6 — 8	+0.009	+0.22	50 »	−0.004	+0.01	+0.013	+0.21
9 — 11	+0.006	−0.07	57 »	−0.003	+0.02	+0.009	−0.09
12 — 14	+0.042	−0.11	35 »	−0.002	−0.04	+0.044	−0.07
15 — 17	+0.003	−0.12	36 »	−0.001	−0.10	+0.004	−0.02
18 — 20	+0.013	−0.13	58 »	+0.005	−0.10	+0.008	−0.03
21 — 23	+0.021	−0.05	40 »	+0.002	−0.12	+0.019	+0.07

Das Mittel der Zahlen der beiden letzten Columnen ist $+0^s.017$ bez. +0″.01 und würde für RA. durch die Helligkeitsgleichung Be. in $-0^s.007$ umgewandelt werden. Im ganzen kann auch diese Darstellung als Beleg für einen befriedigenden Anschluss des vorliegenden Catalogs an das AGC.-System angesehen werden; auffällig bleibt nur die stärkere Abweichung im 5. Octanten, von der es mir aber zweifelhaft ist, ob sie meinem Cataloge allein zur Last fällt; nach der von Romberg a. a. O. gegebenen Vergleichung seines Catalogs mit dem Greenwich 10y. Catalogue tritt auch dort eine ähnliche Ausbiegung, nur nicht so unvermittelt, auf.

In derselben Weise habe ich die im Anhang gegebene Vergleichung mit dem Greenwich 10y. Catalogue benutzt, die zu folgenden Octantenmitteln geführt hat, denen wiederum die Relationen AGC. — Gr. 10y. und die Unterschiede (Be. — Gr.) — (AGC. — Gr.) zur Seite gestellt sind:

RA.	Be. — Gr. 10y.			AGC. — Gr. 10y.		Diff.	
0^h — 2^h	+0ˢ.023	+0″.33	24 St.	+0ˢ.035	+0″.25	—0ˢ.012	+0″.08
3 — 5	+0.013	+0.34	52 »	+0.028	+0.30	—0.015	+0.04
6 — 8	+0.011	+0.54	48 »	+0.025	+0.30	—0.014	+0.24
9 — 11	+0.025	+0.20	19 »	+0.023	+0.23	+0.002	—0.03
12 — 14	+0.035	+0.22	16 »	+0.011	+0.11	+0.024	+0.11
15 — 17	+0.017	—0.07	30 »	+0.022	+0.12	—0.005	—0.19
18 — 20	+0.006	+0.22	39 »	+0.025	+0.21	—0.019	+0.01
21 — 23	+0.027	+0.03	25 »	+0.025	+0.19	+0.002	—0.16

Auch diese Zahlen bekunden einen genügenden Anschluss an den A.G.-Catalog. Der 5. Octant weicht in RA. in demselben Sinne, jedoch nur um einen etwas mehr als halb so grossen Betrag wie im vorigen Falle ab; und eine ähnliche in beiden Fällen übereinstimmende Abweichung zeigt der 3. Octant in Declination. Die mittlere Differenz ist in RA. —0ˢ.005 oder nach Berücksichtigung der Helligkeitscorrection Be. für die mittlere Sterngrösse $6^m.2$ —0ˢ.020, in Decl. +0″.01.

§ 7. Vergleichungen mit anderen Catalogen und Ableitung von Eigenbewegungen.

Ausser mit den genannten beiden Catalogen ist der vorliegende Catalog mit mehreren anderen verglichen worden, die alle mit Ausnahme von Struve's Positiones mediae der neueren Zeit angehören. Es sind diess die folgenden: Bonner Beobachtungen Bd. VI; Positions moyennes de 3542 étoiles déterminées à l'aide du cercle méridien de Poulkova dans les années 1840—69 et réduites à l'époque 1855.0; Catalogue of Stars observed at the United States Naval Observatory during the years 1845 to 1877 and prepared for publication by Professor M. Yarnall (III Edition); J. L. E. Dreyer, Second Armagh Catalogue; R. Grant, Glasgow Catalogue; R. Grant, Second Glasgow Catalogue; J. Bauschinger, Zweites Münchener Sternverzeichniss.

Die Resultate dieser Vergleichungen, die in manchen Fällen zur Verstärkung der Positionen werden herangezogen werden können, sind als Anhang zum Catalog S. 189—209, zugleich, um ein Zurückgehen auf die einzelnen Cataloge im allgemeinen zu ersparen, mit Angabe der Epochendifferenz und der Anzahl der Beobachtungen mitgetheilt. Dagegen habe ich, weil eine baldige Herausgabe des Catalogs sehr erwünscht war, auf eine systematische Vergleichung der älteren Zonenbeobachtungen und eine vollständige Untersuchung der Sterne auf Eigenbewegung vor der Hand verzichten müssen. Ich habe mich in letzterer Hinsicht darauf beschränkt, für die stärker abweichenden Sterne der oben genannten Cataloge und diejenigen Sterne des Weisse-schen Cataloges, welche grössere Unterschiede mit meiner Bestimmung zeigen, vorläufige Werthe der eigenen Bewegung zu ermitteln. Für die Auswahl der letzteren Sterne diente die Zusammenstellung, die Herr Dr. Ristenpart in seiner Arbeit »Untersuchungen über die Constante der Praecession und die Bewegung der Sonne im Fixsternsysteme« pag. 74 ff. veröffentlicht hat. Bei der Ableitung der Eigenbewegungen habe ich den abgekürzten Weg eingeschlagen, dass ich unter Anwendung der Praecessionen und Saecularvariationen für 1875 die Quotienten aus den Abweichungen der benutzten Cataloge von dem vorliegenden und den zugehörigen Epochendifferenzen bildete und diese unter Annahme von Gewichten, die nach der Grösse der Zeitintervalle, der Anzahl der Beobachtungen und der mittleren Genauigkeit der Vergleichscataloge bemessen wurden, zu einem Mittelwerth vereinigte. Das Verfahren ist nur ein approximatives, einmal weil dabei die Voraussetzung gemacht wird, dass der Ausgangscatalog nahezu fehlerfrei ist, und andererseits weil die einzelnen in ein Mittel zusammengezogenen Werthe der E. B. verschiedenen Lagen des Aequators angehören. Der aus der Nichtberücksichtigung des letztern Umstandes entspringende Fehler wird aber selbst im ungünstigsten Falle ein paar Tausendtheile der Bogensecunde kaum erreichen und in der Regel ganz verschwindend sein, und auch das Nichtzutreffen der ersteren Annahme wird gegenüber den anderen Unsicherheiten, die aus der unvermeidlichen Willkür bei der Abschätzung der Gewichte und der ungenügenden Kenntniss der systematischen Fehler namentlich der älteren Cataloge entspringen, von geringem Belang sein. Die systematischen Correctionen sind für die hier vollständig verglichenen Cataloge so angenommen, wie sie aus der Vergleichung unter Berücksichtigung der bekannten eigenen Bewegungen, oder mit Ausschluss aller eine zulässige Grenze übersteigenden Differenzen abgeleitet und im Anhang mitgetheilt sind. Für die älteren Cataloge, deren Positionen mittelst der neueren Hülfstafeln aus den Originalbeobachtungen reducirt (Lalande-von Asten) oder für den Unterschied gegen die älteren Tafeln verbessert wurden (Weisse—Ristenpart), sind die von Auwers gegebenen Relationen benutzt worden; ausserdem wurden bei den Bessel'schen Zonen die von O. Struve in der Praefatio gegebenen Correctionen (für Zone 196 —0″.40 Z. 503 0″.00) berücksichtigt. Die auf diese Weise abgeleiteten eigenen Bewegungen sind zugleich mit den aus anderen Quellen, vornehmlich der Auwers'schen Bearbeitung der Sternverzeichnisse von Bradley und T. Mayer entnommenen, übersichtlich S. 210—213 zusammengestellt, während die Belege für die ersteren S. 213—220 enthalten sind. Zum Schlusse folgt S. 221—223 eine Zusammenstellung von stärkeren Abweichungen

meines Catalogs von anderen Catalogen, insbesondere dem von Weisse, welche, weil sie zum Theil nur auf einer einzelnen älteren Beobachtung beruhen oder untereinander nicht in genügender Uebereinstimmung sind, eine einigermafsen sichere Ableitung der Eigenbewegung nicht gestattet haben. Ich habe sie hier angeführt, weil sie bei einer Neubestimmung der Sterne, die jetzt bereits 14 Jahr von der mittleren Epoche dieses Catalogs entfernt liegen würde, sogleich eine Entscheidung über etwaige merkliche Bewegung ermöglichen werden. Auch sollen diese Sterne baldmöglichst auf der hiesigen Sternwarte von neuem beobachtet werden.

§ 8. Grössen.

Die im Catalog angegebenen Grössen sind die Mittelwerthe der Schätzungen am Meridian-Fernrohr. Um ihr Verhalten zu der Argelander'schen Scale zu prüfen, wurde eine doppelte Vergleichung vorgenommen, einmal indem für die Grössen der B.D. die Unterschiede B.D.—Be. und zweitens indem für die von mir geschätzten Grössen die Abweichungen gegen die B.D. ermittelt wurden; im erstern Falle wurden die einzelnen Schätzungen jeder Zone, im andern die Mittelwerthe der Schätzungen der einzelnen Sterne zu Grunde gelegt. Es ergaben sich so die folgenden Beziehungen:

B.D.	Be.	Anz. der Schätz. Be.	B.D.	Be.	Anz. der Sterne Be.
9.5	9.33	89	9.36	9.5	18
9.4	9.27	108	9.16	9.4	60
9.3	9.16	547	9.12	9.3	182
9.2	9.06	939	9.08	9.2	435
9.1	9.00	964	9.02	9.1	703
9.0	8.98	4387	8.96	9.0	1002
8.71	8.74	7654	8.72	8.71	3445
8.18	8.29	3447	8.17	8.23	1452
7.67	7.83	1606	7.66	7.72	536
7.17	7.34	916	7.29	7.22	331
6.64	6.82	585	6.83	6.71	192
6.11	6.16	285	6.37	6.19	151
5.70	5.79	108	5.77	5.68	61
4.88	5.24	119	5.26	4.90	49

Die Unterschiede in der Relation der beiderseitigen Grössen, welche die beiden Reihen bei den schwächeren und sehr hellen Sternen zeigen, lassen sich ungezwungen aus der Vertheilung der Sterne und dem Spielraum der Schätzungen, wobei als unterste Grenze 9.5 angenommen wurde, erklären. Nimmt man aus beiden Vergleichungen das Mittel, so folgt

B.D.	Be.	B.D.—Be.	B.D.	Be.	B.D.—Be.
9.43	9.41	+0.02	8.17	8.26	—0.09
9.28	9.33	—0.05	7.66	7.77	—0.11
9.21	9.23	—0.02	7.23	7.28	—0.05
9.14	9.13	+0.01	6.73	6.76	—0.03
9.06	9.05	+0.01	6.24	6.17	+0.07
8.98	8.99	—0.01	5.73	5.73	0.00
8.72	8.72	0.00	5.07	5.07	0.00

Die Uebereinstimmung ist hiernach eine vollständige, mit Ausnahme etwa der Grössen zwischen 7.0 und 8.5, die von mir um etwa 0.1 schwächer geschätzt sind. Dass im Einzelfalle grössere Abweichungen vorkommen, selbst bis zu einer vollen Grössenclasse, darf bei der Art der Schätzung und ihrer Unterordnung unter die Ortsbestimmung als die nächste Aufgabe der Beobachtungen nicht überraschen; namentlich gilt diess für die helleren Grössenclassen, bei denen der zufällige Schätzungsfehler einen sehr merklichen Betrag erreicht.

Die mittleren Fehler einer Schätzung, berechnet für die ersten drei Abtheilungen der folgenden Tabelle aus den zweimal beobachteten, bei der sehr reich vertretenen zweiten Classe beliebig herausgegriffenen Sternen, für die drei letzten aus allen verwendbaren Beobachtungen, sind:

B.D.	m.F.	Anzahl der Schätzungen	Anzahl der Sterne
9.5 — 9.1	$\pm 0\overset{m}{.}12$	750	375
9.0 — 8.1	±0.16	2372	1186
8.0 — 7.1	±0.31	1274	637
7.0 — 6.5	±0.50	923	361
6.4 — 6.0	±0.52	279	108
5.9 — 4.3	±0.51	210	79

Die Praecessionen und Saecularvariationen wurden unter Zugrundelegung der Struve'schen Constanten nach einem verbesserten Exemplar der Folie'schen Tafeln — zum kleinern Theile von mir selbst, zum grössern unter meiner Aufsicht von mehreren Hülfsrechnern, insbesondere den Herren O. Steinert und E. Tretau — berechnet; erheblichen Antheil daran hat auch Herr Dr. Ristenpart, dem ich dafür zu aufrichtigem Dank verpflichtet bin. Die Rechnungen sind zwar nur einmal ausgeführt worden, ich habe es mir aber angelegen sein lassen, beim Lesen der Correcturen die Praecessionswerthe durch Interpolation aus der Tafel in »Publications of the Washburn Observatory« Vol. II, die Werthe der Saecularvariationen durch ihren Gang nach RA. und Decl. bis auf wenige Einheiten der letzten Decimale zu prüfen. Zur Anordnung des Catalogs bleibt noch zu erwähnen, dass die Oerter der beiden Componenten eines Doppelsterns stets unmittelbar, ohne Innehaltung der Rectascensionsfolge, untereinander gestellt sind, sobald eine überwiegende Wahrscheinlichkeit ihres physischen Zusammenhangs vorhanden war.

Strassburg, April 1895. **E. Becker.**

CATALOG.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1	8.6	0h 0m 21s.41	+3s.0731	+0s.0145	+22° 47′ 52″.1	+20″.054	−0″.009	80.8	161 163 166 175	22° 4954
2	8.3	0 36.65	3.0737	0.0141	22 8 56.1	20.054	0.010	80.3	8 13 163 175	22 4955
3	8.8	0 50.56	3.0743	0.0146	22 55 21.7	20.054	0.010	80.8	161 166 175	22 4956
4	8.8	0 52.90	3.0741	0.0130	20 16 35.0	20.054	0.010	80.9	6 177 320	20 5430
5	8.4	1 5.54	3.0750	0.0150	23 37 30.8	20.054	0.011	80.9	179 181	23 2
6	8.9	0 1 23.04	+3.0752	+0.0130	+20 8 53.8	+20.054	−0.011	81.3	177 320	20 3
7	8.5	1 44.79	3.0769	0.0157	24 36 19.7	20.054	0.012	81.7	312 322	24 1
8	9.2	1 55.13	3.0766	0.0136	21 13 35.6	20.053	0.012	82.4	344 390c 392	21 1
9	8.7	2 5.05	3.0777	0.0155	24 13 11.4	20.053	0.013	81.7	312 322	24 2
10	9.1	2 8.44	3.0770	0.0135	20 54 30.1	20.053	0.013	81.3	177 320	20 6
11	9.3	0 2 16.52	+3.0779	+0.0147	+22 56 19.4	+20.053	−0.013	81.8	163 175 390c 392	22 4
12	6.9	2 25.12	3.0787	0.0158	24 45 55.1	20.053	0.013	82.4	344 400	24 3
13	9.1	2 37.31	3.0784	0.0141	21 58 5.9	20.053	0.014	82.4	344 390c 392	21 2
14	8.9	2 45.11	3.0782	0.0132	20 21 49.6	20.053	0.014	81.3	177 320	20 7
15	7.8	2 48.06	3.0797	0.0158	24 35 26.7	20.053	0.014	81.7	312 322	24 4
16	8.9	0 2 48.82	+3.0786	+0.0137	+21 15 36.5	+20.053	−0.014	82.0	343 344	21 3
17	9.1	2 49.40	3.0793	0.0149	23 11 42.9	20.053	0.014	80.9	179 181	23 5
18	9.2	2 54.19	3.0795	0.0149	23 6 18.4	20.053	0.014	81.3	163 175 339	22 6
19	9.1	2 56.51	3.0799	0.0156	24 12 29.7	20.053	0.014	82.0	312 322 398	24 5
20	8.3	3 39.03	3.0819	0.0158	24 30 6.5	20.052	0.016	81.8	309 333	24 6
21	8.9	0 3 46.50	+3.0824	+0.0160	+24 49 51.4	+20.052	−0.016	81.8	316 329 344	24 7
22	8.8	4 14.19	3.0830	0.0152	23 33 28.2	20.051	0.017	80.9	179 181	23 7
23	8.8	4 21.12	3.0836	0.0156	24 7 27.7	20.051	0.017	81.8	309 325a 327	24 10
24	8.9	4 36.26	3.0838	0.0151	23 18 2.4	20.050	0.018	80.9	179 181	23 9
25	8.0	4 58.02	3.0846	0.0150	23 7 17.7	20.049	0.018	81.2	163 175 320	23 10
26	7.2	0 5 33.77	+3.0859	+0.0149	+22 46 33.3	+20.048	−0.020	80.8	161 166	22 14
27	9.1	5 39.97	3.0857	0.0144	22 6 7.5	20.048	0.020	82.0	316 329 398	21 9
28	9.2	5 42.75	3.0873	0.0159	24 22 30.2	20.048	0.020	81.8	312 322 325a 327	24 14
29	7.5	5 48.92	3.0858	0.0143	21 51 39.4	20.048	0.020	81.8	320 333	21 10
30	9.1	5 55.91	3.0868	0.0149	22 45 47.5	20.047	0.020	81.7	312 322	22 16
31	8.6	0 6 5.57	+3.0880	+0.0156	+23 56 28.7	+20.047	−0.021	80.9	179 181	23 12
32	9.2	6 23.37	3.0893	0.0161	24 35 6.7	20.047	0.021	82.1	312 322 414	24 15
33	8.5	6 45.23	3.0871	0.0137	20 42 35.2	20.045	0.022	82.5	343 395 413	20 12
34	8.7	6 52.19	3.0910	0.0164	25 7 15.6	20.045	0.022	82.4	344 392	25 16
35	9.1	7 15.87	3.0890	0.0142	21 31 59.0	20.044	0.023	82.6	343 395 414	21 11
36	9.1	0 7 21.84	+3.0921	+0.0163	+24 51 24.5	+20.044	−0.023	82.4	344 392	24 16
37	8.4	7 34.62	3.0928	0.0164	24 59 11.3	20.043	0.023	82.4	344 400	24 17
38	8.6	7 58.63	3.0937	0.0163	24 48 19.0	20.042	0.024	81.7	312 322	24 18
39	9.0	8 4.95	3.0932	0.0158	23 56 9.4	20.042	0.024	80.9	179 181	23 20
40	9.2	8 19.08	3.0937	0.0157	23 50 35.0	20.041	0.025	81.6	179 181 344 392	23 22
41	8.8	0 8 19.81	+3.0936	+0.0157	+23 43 45.5	+20.041	−0.025	81.5	179 181 392	23 23
42	8.5	8 22.26	3.0931	0.0153	23 5 53.1	20.041	0.025	81.8	312 322 325a 327	22 26
43	6.6	8 27.95	3.0918	0.0143	21 35 21.6	20.041	0.025	81.9	333 343	21 13
44	7.8	8 28.80	3.0911	0.0139	20 50 53.0	20.040	0.025	81.1	6 177 413	20 15
45	8.6	8 39.98	3.0930	0.0148	22 21 48.3	20.040	0.026	81.8	163 343 394	22 28
46	8.7	0 8 47.64	+3.0958	+0.0163	+24 41 57.6	+20.039	−0.026	80.0	10 12	24 20
47	9.0	8 58.38	3.0949	0.0155	23 22 30.6	20.039	0.026	81.8	312 322 325a 327	23 25
48	8.6	9 4.14	3.0940	0.0148	22 20 6.4	20.039	0.026	82.0	163 320 395 400	22 29
49	9.1	9 9.21	3.0942	0.0149	22 22 59.8	20.038	0.027	82.0	163 320 394 400	22 30
50	8.8	9 9.62	3.0947	0.0151	22 46 18.7	20.038	0.027	82.3	333 392	22 31 pr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
51	9.0	0h 9m 9s.77	+3s.0935	+0s.0144	+21° 39′ 40″.2	+20″.038	−0″.027	80.8	8 13 413	21° 14
52	8.7	9 12.17	3.0948	0.0151	22 46 46.8	20.038	0.027	82.4	344 392	22 31 s.
53	8.0	9 13.22	3.0940	0.0147	22 1 4.5	20.038	0.027	81.6	16 343 395	21 15
54	9.2	10 7.90	3.0984	0.0159	23 52 4.1	20.035	0.029	80.7	10 179 181	23 28
55	7.1	10 26.30	3.0973	0.0151	22 33 42.7	20.033	0.029	81.6	163 320 333 344	22 34
56	9.1[1]	0 10 32.55	+3.0959	+0.0142	+21 4 51.2	+20.033	−0.029	80.2	8 13 177	20 18
57	8.7	10 37.16	3.0980	0.0151	22 34 8.9	20.033	0.030	82.2	320 394	22 35
58	8.0	10 43.83	3.0987	0.0153	22 54 12.3	20.032	0.030	81.8	312 322 325a 327	22 36
59	8.3	10 46.66	3.1002	0.0160	23 58 0.6	20.032	0.030	80.9	179 181	23 30
60	8.9	11 46.65	3.1026	0.0160	23 50 53.1[2]	20.028	0.032	81.5 81.8	179 181α 392	23 32
61	9.4	0 11 55.91	+3.1014	+0.0153	+22 42 55.7	+20.027	−0.032	81.6	163 175 392	22 41
62	8.2	11 56.15	3.1006	0.0149	22 11 16.4	20.027	0.032	80.9	16 320	22 40
63	8.7	11 58.50	3.0987	0.0141	20 47 0.8	20.027	0.032	80.9	6 177 343	20 22
64	7.4	12 10.84	3.1012	0.0150	22 11 2.7	20.026	0.033	81.6	16 320 344 400	22 42
65	9.3	12 12.67	3.1055	0.0168	25 3 28.0	20.026	0.033	82.8	395 414	24 29
66	8.9	0 12 13.00	+3.1055	+0.0168	+25 3 20.9	+20.026	−0.033	80.8	10 12 394	
67	8.7	12 34.54	3.1014	0.0147	21 40 27.0	20.024	0.033	80.8	8 13 413	21 24
68	9.1	12 40.39	3.0994	0.0137	20 9 26.4	20.024	0.034	81.8	177 343 400	20 24
69	8.7	12 52.46	3.1058	0.0162	24 4 14.9	20.023	0.034	81.8	312 322 325a 327	23 33
70	8.6	13 3.05	3.1062	0.0162	24 2 33.2	20.022	0.034	81.8	312 322 325a 327	23 34
71	8.9	0 13 15.92	+3.1056	+0.0158	+23 19 16.8	+20.021	−0.035	81.6	163 175 392	23 35
72	9.2	13 37.07	3.1075	0.0162	23 56 59.9	20.019	0.035	81.8	179 181 395 400	23 37
73	7.4	13 44.89	3.1079	0.0162	23 58 18.7	20.018	0.036	81.3	179 181 344	23 38
74	9.2	13 50.94	3.1073	0.0159	23 27 3.0	20.018	0.036	82.3	325a 327 392 394	23 39
75	9.0	13 51.04	3.1075	0.0160	23 37 4.6	20.018	0.036	81.8	312 322 325a 327	23 40
76	8.7	0 13 58.32	+3.1048	+0.0148	+21 47 8.8	+20.017	−0.036	81.3	6 333 343	21 25
77	8.9	14 9.40	3.1041	0.0145	21 8 19.4	20.016	0.037	80.2	8 13 177	21 28
78	8.6	14 32.81	3.1105	0.0165	24 16 16.5	20.014	0.037	80.6	10 12 344	24 30
79	7.1	14 39.54	3.1114	0.0167	24 38 39.8	20.013	0.038	82.0	312 322 400	24 31
80	8.7	14 45.33	3.1120	0.0169	24 49 48.6	20.013	0.038	80.8	10 12 394	24 32
81	8.6	0 14 47.27	+3.1124	+0.0170	+24 59 23.0	+20.012	−0.038	82.3	333 392	24 33
82	8.9	14 53.77	3.1081	0.0153	22 25 19.8	20.012	0.038	80.6	8 13 344	22 49
83	8.7	14 55.99	3.1110	0.0163	23 59 40.2	20.012	0.038	81.2	179 181 333	23 41
84	8.9	15 4.80	3.1052	0.0142	20 32 50.8	20.011	0.038	80.9	6 177 320	20 30
85	9.0	15 30.98	3.1136	0.0168	24 34 50.5	20.008	0.039	80.6	10 12 344	24 36
86	7.4	0 15 46.61	+3.1132	+0.0164	+23 59 10.5	+20.007	−0.040	81.8	179 181 394 400	23 43
87	9.2	16 6.79	3.1138	0.0163	23 52 14.1	20.005	0.040	81.8	312 322 325a 327	[23 44]
88	8.7	16 8.95	3.1083	0.0145	20 58 28.2	20.005	0.040	80.9	6 177 320	20 34
89	8.8	16 11.26	3.1127	0.0159	23 12 58.6	20.004	0.041	81.6	163 175 392	23 46
90	8.7	16 11.89	3.1140	0.0163	23 52 36.6	20.004	0.041	80.9	179 181	23 45
91	7.7	0 16 28.55	+3.1104	+0.0150	+21 41 19.5	+20.002	−0.041	80.5	8 13 333	21 33
92	9.0	16 31.05	3.1133	0.0159	23 6 21.9	20.002	0.041	81.6	163 175 392	23 47
93	9.1	16 31.68	3.1171	0.0171	24 57 52.8	20.002	0.041	81.2	10 12 344 400	24 42
94	8.8	16 54.37	3.1164	0.0166	24 7 18.3	20.000	0.042	81.8	312 322 325a 327	24 44
95	9.2	17 5.02	3.1175	0.0168	24 28 14.8	19.999	0.042	81.4	5 Beob.[3]	24 45
96	8.7	0 17 7.24	+3.1128	+0.0153	+22 6 53.3	+19.998	−0.042	81.5	16 320 394	21 34
97	8.8	17 11.04	3.1119	0.0149	21 35 55.3	19.998	0.043	80.2	8 13 177	21 35
98	8.3	18 34.97	3.1202	0.0165	23 52 56.2	19.988	0.045	81.5	179 181 395	23 52
99	8.8	18 37.34	3.1195	0.0163	23 32 42.1	19.988	0.046	81.5	179 181 394	23 53
100	8.9	18 52.56	3.1157	0.0151	21 35 4.0	19.986	0.046	80.5	8 13 333	21 39

[1] Z. 177 dupl. maj.? [2] Z. 181 49′58″.0 ausgeschlossen [3] Z. 10 312 322 325a 327

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
101	9.4	0^h 19^m $1^s.63$	$+3^s.1230$	$+0^s.0170$	+24° 36′ 31″.6	+19″.985	−0″.046	80.6	10 12 344	24° 47
102	7.7	19 9.11	3.1179	0.0155	22 15 7.2	19.984	0.047	80.9	16 320	22 58
103	8.5	19 15.31	3.1176	0.0154	22 0 49.2	19.983	0.047	80.8	8 13 395	21 41
104	7.6	19 28.34	3.1143	0.0143	20 19 54.7	19.982	0.047	81.3	5 Beob.[1]	20 38
105	9.2	19 28.90	3.1206	0.0161	23 4 27.4	19.982	0.047	81.6	163 175 392	22 62
106	8.7	0 19 34.07	+3.1213	+0.0162	+23 17 26.5	+19.981	−0.047	81.6	163 175 392	23 54
107	9.1	19 39.28	3.1148	0.0144	20 23 50.6	19.981	0.048	82.2	177 394 400	20 41
108	9.0	19 41.49	3.1262	0.0175	25 10 46.9	19.980	0.048	82.2	325a 327 400	25 52
109	7.4	19 50.30	3.1238	0.0167	24 2 34.9	19.979	0.048	81.5	179 181 395	23 56
110	8.1	20 20.19	3.1248	0.0167	23 56 19.1	19.975	0.049	80.9	179 181	23 58
111	7.2	0 20 31.59	+3.1263	+0.0170	+24 21 1.4	+19.974	−0.049	80.6	10 12 344	24 52
112	8.9	20 34.61	3.1238	0.0163	23 16 37.2	19.973	0.049	81.6	163 175 392	23 60
113	8.4	20 40.10	3.1174	0.0145	20 33 57.3	19.973	0.050	81.1	6 177 320 333	20 44
114	7.3	20 40.45	3.1281	0.0174	24 53 13.9	19.973	0.050	82.3	325a 327 394 400	24 53
115	9.1	20 43.96	3.1193	0.0150	21 17 30.9	19.972	0.050	80.5	8 13 343	21 45
116	8.9	0 21 10.00	+3.1283	+0.0171	+24 26 43.6	+19.969	−0.051	80.8	10 12 395	24 57
117	8.3	21 11.28	3.1206	0.0151	21 24 13.5	19.969	0.051	80.6	8 13 344	21 46
118	8.6	21 14.22	3.1242	0.0160	22 46 32.3	19.968	0.051	81.2	163 175 320	22 65
119	9.2	21 15.27	3.1281	0.0170	24 16 7.5	19.968	0.051	81.4	179 181 325a 327	24 58
120	8.4	21 21.21	3.1247	0.0161	22 52 49.0	19.967	0.051	81.6	163 175 392	22 66
121	8.8	0 21 48.51	+3.1263	+0.0162	+23 2 41.8	+19.963	−0.052	81.8	179 181 394 400	22 68
122	8.8	21 51.77	3.1296	0.0170	24 14 12.7	19.963	0.052	80.5	10 12 333	24 61
123	9.2	22 13.11	3.1216	0.0148	20 52 31.5	19.960	0.053	81.5	177 320 343	20 47
124	9.0	22 24.49	3.1251	0.0156	22 3 39.7	19.958	0.053	81.5	16 320 395	21 49
125	8.8	22 31.18	3.1288	0.0164	23 20 31.1	19.957	0.053	81.2	179 181 333	23 63
126	9.1	0 22 34.04	+3.1269	+0.0160	+22 35 49.6	+19.957	−0.053	81.6	163 175 392	22 69
127	7.5	22 58.37	3.1323	0.0170	24 11 31.8	19.954	0.054	80.8	10 12 394	24 66
128	9.0	23 3.06	3.1230	0.0148	20 41 57.7	19.953	0.054	80.9 81.4	6a 177 343	20 48
129	9.2	23 3.95	3.1270	0.0157	22 10 6.7	19.953	0.054	81.6	16 343 395	22 70
130	8.8	23 36.26	3.1332	0.0169	23 55 1.9	19.948	0.056	81.8	179 181 394 400	23 65
131	8.9	0 23 39.70	+3.1271	+0.0154	+21 42 32.3	+19.947	−0.056	80.6	8 13 344	21 53
132	9.1	23 53.03	3.1270	0.0153	21 30 19.5	19.945	0.056	80.5	8 13 333	21 54
133	8.3	23 56.79	3.1326	0.0166	23 24 56.2	19.945	0.056	81.8	312 322 325a 327	23 66
134	8.9	23 57.09	3.1288	0.0157	22 5 2.4	19.945	0.056	81.5	16 320 395	21 55
135	9.0	24 0.14	3.1323	0.0165	23 15 33.6	19.944	0.056	81.5	6 Beob.[2]	23 67
136	8.5	0 24 2.33	+3.1311	+0.0162	+22 47 38.1	+19.944	−0.056	81.8	175 392	22 72
137	8.9	24 53.46	3.1316	0.0156	22 16 1.6	19.936	0.058	80.9	16 320	22 74
138	8.4	24 53.81	3.1272	0.0149	20 46 54.4	19.936	0.058	81.2	6 177 333 343	20 52
139	7.3	24 58.72	3.1256	0.0145	20 8 19.7	19.935	0.058	81.6	177 333 343	20 53
140	7.4	24 59.27	3.1264	0.0147	20 25 9.1	19.935	0.058	81.0	6 177 395	20 55
141	8.8	0 25 5.60	+3.1354	+0.0167	+23 23 38.1	+19.934	−0.059	81.5	179 181 400	23 70
142	8.7	25 7.68	3.1344	0.0164	23 1 3.2	19.934	0.059	81.6	163 175 392	22 75
143	8.7	25 18.51	3.1410	0.0178	25 0 50.9	19.932	0.059	80.6	10 12 344	24 71
144	9.0	25 42.39	3.1418	0.0177	24 56 31.2	19.928	0.060	80.8	10 12 394	24 72
145	8.8	25 42.71	3.1425	0.0179	25 8 5.5	19.928	0.060	82.2	325a 327 400	25 67
146	8.7	0 25 45.70	+3.1341	+0.0161	+22 25 11.2	+19.928	−0.060	81.2	163 175 320	22 78
147	8.4	25 51.28	3.1303	0.0152	21 5 16.9	19.927	0.060	80.5	8 13 333	20 61
148	9.1	25 55.31	3.1369	0.0166	23 12 0.3	19.926	0.060	81.3	179 181 312 322	23 72
149	8.7	26 4.79	3.1315	0.0154	21 19 28.7	19.924	0.060	80.6	8 13 344	21 62
150	6.7	26 5.32	3.1351	0.0161	22 30 8.5	19.924	0.060	81.8	175 392	22 79

[1] Z. 6 177 320 333 343 [2] Z. 179 181 312 322 325a 327

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
151	9.1	0^h 26^m $9^s.10$	$+3^s.1385$	$+0^s.0168$	+23° 32′ $4''.2$	$+19''.924$	$-0''.061$	81.8	312 322 325ᵃ 327	23° 74
152	8.8	26 9.75	3.1402	0.0172	24 2 36.7	19.924	0.061	82.0	312 325ᵃ 327 395	23 75
153	8.8	26 30.38	3.1306	0.0150	20 44 12.3	19.920	0.061	81.4	177 343	20 63
154	9.1	26 56.68	3.1299	0.0147	20 10 28.8	19.916	0.062	81.5	177 320 333	20 64
155	8.3	27 4.82	3.1378	0.0162	22 33 58.1	19.914	0.063	81.6	163 175 392	22 82
156	8.2	0 27 17.52	+3.1455	+0.0177	+24 45 29.5	+19.912	−0.063	80.0	10 12	24 80
157	9.2	27 21.07	3.1396	0.0165	22 55 51.4	19.912	0.063	81.7	312 322	22 84
158	9.0	27 32.32	3.1434	0.0172	23 57 26.5	19.910	0.064	81.8	179 400	23 76
159	9.2	27 42.92	3.1365	0.0157	21 43 26.1	19.908	0.064	80.8	8 13 395	21 64
160	9.1	27 43.25	3.1441	0.0172	24 0 20.4	19.908	0.064	82.2	325ᵃ 327 400	23 77
161	8.7	0 27 44.56	+3.1367	+0.0158	+21 45 26.9	+19.907	−0.064	80.9	16 320	21 65
162	8.7	27 57.65	3.1337	0.0151	20 40 59.4	19.905	0.064	81.4	177 343	20 66
163	9.4	28 6.69	3.1342	0.0151	20 44 51.1	19.904	0.064	82.6	344 392 413	} 20 67
164	9.3	28 7.09	3.1342	0.0151	20 43 54.5	19.903	0.065	81.9	333 343	
165	8.7	28 21.57	3.1396	0.0161	22 12 49.1	19.901	0.065	81.6	163 175 400	22 86
166	8.8	0 28 28.61	+3.1429	+0.0167	+23 5 14.2	+19.900	−0.065	81.8	179 392	22 87
167	8.8	28 33.87	3.1377	0.0156	21 30 11.0	19.899	0.065	80.8	8 16 414	21 67
168	7.7	28 49.60	3.1484	0.0176	24 24 57.4	19.896	0.066	80.0	10 12	24 83
169	8.6	28 52.24	3.1464	0.0172	23 49 43.7	19.895	0.066	82.3	333 400	23 80
170	9.1	29 13.62	3.1512	0.0180	24 54 4.3	19.891	0.067	80.0	10 12	24 86
171	8.2	0 29 14.93	+3.1378	+0.0154	+21 5 6.3	+19.891	−0.067	80.8	8 13 413	20 70
172	8.5	29 18.76	3.1352	0.0149	20 15 57.6	19.890	0.067	81.3	6 333 343	20 71
173	8.3	29 20.60	3.1365	0.0151	20 38 26.0	19.890	0.067	81.8	177 392	20 72
174	7.0	29 35.05	3.1465	0.0169	23 20 12.0	19.887	0.068	81.5	179 181 400	23 82
175	8.5	29 45.47	3.1383	0.0153	20 53 28.1	19.885	0.068	81.8	177 392	20 74
176	8.2	0 29 53.20	+3.1402	+0.0156	+21 20 43.2	+19.884	−0.068	81.5	16 414	21 70
177	8.5	29 54.03	3.1369	0.0150	20 23 9.8	19.884	0.068	81.4	6 343 344	20 76
178	8.0	30 14.36	3.1523	0.0177	24 28 53.2	19.880	0.069	80.0	10 12	24 87
179	8.7	30 21.71	3.1422	0.0158	21 36 55.3	19.879	0.069	82.4	344 401	21 72
180	5.8	30 32.44	3.1488	0.0170	23 19 38.0	19.876	0.070	82.7	394 400	23 84
181	9.1	0 30 45.45	+3.1406	+0.0154	+20 55 24.9	+19.874	−0.070	81.9	177 333 392	20 80
182	8.5	30 55.53	3.1421	0.0156	21 13 52.4	19.872	0.070	81.4	16 401	21 74
183	8.7	31 1.97	3.1451	0.0161	21 59 10.6	19.871	0.070	82.4	344 400	21 75
184	8.8	31 5.81	3.1406	0.0153	20 42 53.0	19.870	0.071	82.7	392 394	20 81
185	6.8	31 6.57	3.1396	0.0151	20 24 43.4	19.870	0.071	82.3	343 394	20 82
186	8.6	0 31 15.43	+3.1576	+0.0183	+25 8 40.4	+19.868	−0.071	82.3	325ᵃ 327 414	25 90
187	8.5	31 25.36	3.1555	0.0178	24 29 10.6	19.866	0.071	82.7	395 399 400	24 88
188	8.6	31 26.46	3.1454	0.0160	21 48 27.2	19.866	0.071	82.4	344 392	21 77
189	7.8	32 11.44	3.1443	0.0156	21 3 26.2	19.857	0.073	81.3	16 392	20 84
190	8.5	32 22.25	3.1586	0.0180	24 39 3.8	19.854	0.073	82.0	344 348 350	24 90
191	8.6	0 32 44.99	+3.1612	+0.0183	+25 2 38.3	+19.850	−0.074	81.9	325ᵃ 327 348 350	24 91
192	8.7	32 47.26	3.1531	0.0169	22 59 58.4	19.849	0.074	82.4	344 400	22 98
193	6.3	32 51.50	3.1439	0.0153	20 34 30.6	19.848	0.074	82.4	355 394 399	20 85
194	9.2	32 52.06	3.1617	0.0183	25 4 57.4	19.848	0.075	81.9	325ᵃ 327 348 350	24 92
195	8.3	33 3.25	3.1573	0.0175	23 52 13.2	19.846	0.075	81.8	179 392	23 88
196	9.2	0 33 17.65	+3.1574	+0.0174	+23 44 42.0	+19.843	−0.075	81.7	312 322	23 90
197	8.7	33 20.84	3.1457	0.0155	20 45 1.6	19.842	0.075	82.4	353 395	} 20 87
198	5.8	33 20.89	3.1457	0.0155	20 45 8.2	19.842	0.075	82.4	353 395	
199	9.0	33 43.02	3.1569	0.0172	23 21 45.3	19.838	0.076	82.3	348 350 395	} 23 92
200	7.5	33 43.51	3.1569	0.0172	23 22 0.6	19.837	0.076	82.2	333 348 350 399	

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
201	8.3	0h 33m 46s.60	+3s.1559	+0s.0170	+23° 4′ 57″.8	+19″.837	−0″.076	82.0	344 353	22° 101
202	8.6	33 53.56	3.1596	0.0176	23 55 3.1	19.835	0.076	80.9	179 181	23 93
203	8.7	34 6.32	3.1540	0.0166	22 25 14.9	19.833	0.077	82.4	355 394	22 103
204	9.2	34 23.05	3.1624	0.0179	24 16 47.8	19.829	0.077	81.8	312 322 325a 327	24 94
205	7.6	34 24.72	3.1463	0.0153	20 20 2.8	19.829	0.077	81.9	177 343 399	20 90
206	9.2	0 34 25.47	+3.1637	+0.0181	+24 34 27.5	+19.828	−0.078	82.4	333 392 401	24 95
207	8.8	34 48.39	3.1675	0.0186	25 12 44.4	19.823	0.078	81.0	167a[1] 183 188	25 97
208	5.8	34 58.43	3.1625	0.0177	23 56 35.5	19.821	0.079	81.5	179 181 400	23 94
209	9.2	35 13.54	3.1555	0.0165	22 8 35.4	19.818	0.079	81.4	16 343 344	22 104
210	8.1	35 32.98	3.1619	0.0174	23 27 13.8	19.813	0.080	81.6	5 Beob.[2]	23 96
211	9.0	0 35 40.25	+3.1699	+0.0186	+25 13 30.2	+19.812	−0.080	81.8	5 Beob.[3]	25 104
212	9.0	35 43.49	3.1657	0.0180	24 15 3.4	19.811	0.080	80.7	10 167a[1] 183 188	24 99
213	8.5	35 46.67	3.1568	0.0165	22 8 48.7	19.810	0.080	80.8	15 16 343	22 106
214	8.9	36 20.63	3.1537	0.0159	21 6 33.4	19.803	0.081	81.4	16 333 343	21 88
215	9.1	37 2.87	3.1512	0.0153	20 8 48.7	19.793	0.082	82.1	177 343 394 400	20 94
216	8.4	0 37 3.26	+3.1690	+0.0180	+24 12 18.9	+19.793	−0.083	80.7	10 12 325a 327	24 104
217	8.4	37 31.35	3.1577	0.0161	21 24 15.1	19.786	0.084	81.2	16 348 350	21 92
218	9.2	37 40.58	3.1542	0.0156	20 31 45.3	19.784	0.084	81.9	177 343 344 400	20 95
219	8.9	37 43.90	3.1593	0.0163	21 39 57.3	19.783	0.084	82.0	333 348 350 355	21 94
220	9.2	37 55.46	3.1658	0.0172	23 1 16.4	19.780	0.085	81.5	15 179 353 395	22 112
221	8.9	0 38 0.54	+3.1749	+0.0186	+24 56 44.0	+19.779	−0.085	80.7	10 167a[1] 183 188	24 107
222	9.2	38 14.50	3.1565	0.0158	20 46 46.0	19.776	0.085	82.2	177 392 394	20 96
223	8.1	38 25.47	3.1608	0.0164	21 39 14.0	19.773	0.085	81.4	16 348 392	21 96
224	7.4	38 35.67	3.1669	0.0172	22 54 23.6	19.771	0.086	81.5	15 325a 327 353	22 113
225	9.0	38 59.71	3.1786	0.0188	25 9 37.0	19.765	0.087	81.4	167a[1] 183 188 395	25 111
226	9.4	0 38 59.90	+3.1759	+0.0184	+24 36 2.7	+19.765	−0.087	81.9	12 399 400	} 24 108
227	9.4	39 1.29	3.1760	0.0184	24 36 20.4	19.764	0.087	82.8	401 413	
228	9.4	39 13.59	3.1593	0.0159	20 56 3.2	19.761	0.087	81.9	177 333 348 401	20 99
229	8.6	39 16.49	3.1698	0.0174	23 10 13.8	19.760	0.087	81.5	179 353	23 102
230	9.3	39 17.21	3.1768	0.0184	24 37 31.2	19.760	0.087	80.7	10 167a[1] 183 188	24 109
231	8.7	0 39 29.40	+3.1645	+0.0166	+21 55 56.5	+19.757	−0.088	81.9	16 392 394	21 99
232	9.2	39 39.72	3.1657	0.0167	22 5 37.5	19.755	0.088	82.5	344 399 400	21 100
233	8.5	39 40.79	3.1730	0.0178	23 37 6.8	19.754	0.088	80.9	179 181	23 103
234	8.4	39 58.17	3.1604	0.0159	20 49 0.2	19.750	0.088	81.9	333 353	20 101
235	6.8	40 7.96	3.1614	0.0160	20 56 29.1	19.748	0.089	81.9	333 343	20 103
236	8.8	0 40 18.03	+3.1632	+0.0162	+21 14 49.3	+19.745	−0.089	81.3	16 392	21 102
237	8.6	40 23.23	3.1696	0.0171	22 34 6.1	19.744	0.090	82.4	355 395	22 121
238	**4.1**	**40 42.94**	**3.1754**	**0.0178**	**23 35 12.3**	**19.739**	**0.090**		**Fund. Cat.**	**23 106**
239	8.6	40 53.54	3.1687	0.0168	22 7 11.7	19.736	0.091	82.7	392 395	22 124
240	7.8	41 1.49	3.1825	0.0187	24 51 5.0	19.734	0.091	80.0	10 12	24 115
241	7.5	0 41 17.24	+3.1606	+0.0156	+20 14 31.1	+19.730	−0.091	82.0	343 344	20 105
242	8.4	41 19.31	3.1611	0.0157	20 20 29.3	19.729	0.091	82.2	333 343 413	20 106
243	8.4	41 27.22	3.1837	0.0188	24 52 3.1	19.727	0.092	80.0	10 12	24 118
244	8.6	41 38.07	3.1756	0.0176	23 10 2.2	19.724	0.092	81.9	327 355	23 110
245	9.3	42 9.24	3.1630	0.0157	20 21 43.1	19.716	0.093	82.2	333 343 399	20 108
246	8.5	0 42 16.30	+3.1824	+0.0183	+24 11 18.1	+19.714	−0.094	80.0	10 12	24 119
247	8.3	42 25.24	3.1661	0.0161	20 52 52.4	19.712	0.094	81.9	333 355	20 109
248	8.6	42 39.43	3.1694	0.0165	21 26 48.0	19.708	0.094	81.3	16 392	21 108
249	8.7	42 49.60	3.1810	0.0180	23 38 19.8	19.705	0.095	82.0	344 353	23 113
250	8.0	42 50.05	3.1749	0.0172	22 26 47.5	19.705	0.094	82.4	355 395	22 129

[1] Z. 167a Gew. ½ [2] Z. 15 325a 327 348 350 [3] Z. 167a[1] 183 188 394 400



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
251	9.1	0h 42m 57s.53	+3s.1887	+0s.0190	+25° 3' 50".4	+19".703	−0".095	81.3	10 327 399	24° 121
252	9.1	43 22.88	3.1884	0.0188	24 47 39.8	19.696	0.097	81.0	183 188	24 122
253	9.3	43 30.19	3.1807	0.0178	23 16 34.5	19.694	0.096	82.2	344 353 395	23 115
254	8.7	43 52.40	3.1810	0.0177	23 8 44.4	19.688	0.097	81.9	15 348 392 395	23 116
255	7.7	43 55.28	3.1674	0.0159	20 28 56.3	19.687	0.096	81.9	333 343	20 111
256	8.0	0 43 57.50	+3.1832	+0.0180	+23 32 9.0	+19.686	−0.097	81.9	327 353	23 117
257	7.4	43 58.43	3.1906	0.0189	24 54 15.1	19.686	0.097	80.8	10 12 399	24 123
258	8.9	44 15.38	3.1709	0.0163	21 2 26.0	19.681	0.097	81.0	16 355	20 112
259	8.8	44 20.88	3.1816	0.0177	23 2 59.1	19.680	0.098	82.0	344 353	22 133
260	8.1	44 26.56	3.1774	0.0171	22 12 3.9	19.678	0.098	82.2	343 344 395	22 134
261	9.0	0 44 38.51	+3.1777	+0.0171	+22 10 23.8	+19.675	−0.098	81.0	15 343	22 136
262	6.9	44 58.45	3.1772	0.0169	21 56 33.1	19.669	0.099	81.0	16 353	21 111
263	8.6	44 58.95	3.1826	0.0176	22 57 5.6	19.669	0.099	82.1	327 348 392	22 138
264	8.7	45 18.86	3.1901	0.0185	24 10 38.8	19.663	0.100	80.8	10 12 399	24 124
265	8.5	45 33.07	3.1958	0.0192	25 4 37.7	19.659	0.100	81.5	183 188 395	24 127
266	8.0	0 45 41.46	+3.1963	+0.0192	+25 6 1.3	+19.657	−0.101	80.5	10 188	24 128
267	7.4	45 49.85	3.1728	0.0162	20 43 54.2	19.655	0.100	81.9	333 343	20 117
268	8.8	46 50.36	3.1750	0.0163	20 44 42.6	19.637	0.102	82.2	333 343 399	20 120
269	8.3	46 56.35	3.1948	0.0187	24 15 16.3	19.635	0.103	81.0	183 188	24 129
270	8.9	46 59.65	3.1976	0.0190	24 43 9.8	19.634	0.103	80.8	10 12 392	24 130
271	8.9	0 47 7.53	+3.1963	+0.0188	+24 26 14.4	+19.632	−0.104	81.0	183 188	24 132
272	7.1	47 18.33	3.1989	0.0191	24 48 32.1	19.629	0.104	82.1	327 348 392	24 133
273	8.4	47 19.24	3.1739	0.0160	20 21 5.5	19.628	0.103	82.2	333 355 399	20 122
274	8.5	47 26.43	3.1821	0.0170	21 47 11.8	19.626	0.104	81.0	16 353	21 116
275	8.9	47 31.50	3.1979	0.0189	24 32 41.8	19.625	0.104	82.2	327 348 399	24 134
276	8.3	0 47 32.04	+3.1913	+0.0181	+23 23 18.6	+19.624	−0.104	81.0	15 355	23 123
277	8.1	47 35.41	3.1991	0.0190	24 42 56.5	19.623	0.105	81.5	183 188 327 395	24 135
278	8.4	47 42.41	3.2013	0.0193	25 2 13.8	19.621	0.105	80.0	10 12	24 136
279	9.1	47 42.55	3.1998	0.0191	24 46 56.4	19.621	0.105	82.7	348 392 401 413	24 137
280	5.7[1]	48 16.72	3.1906	0.0178	22 57 3.9	19.611	0.106	81.9	15 353 395 399	22 146
281	9.1	0 48 20.06	+3.1776	+0.0163	+20 38 6.7	+19.610	−0.105	82.2	333 355 401	20 125
282	7.6	48 20.31	3.1935	0.0182	23 25 40.3	19.610	0.106	82.2	344 355 401	23 125
283	8.6	48 22.77	3.1764	0.0161	20 24 19.5	19.609	0.105	81.9	333 343	20 126
284	7.9	48 26.99	3.1898	0.0177	22 44 10.6	19.608	0.106	82.0	344 353	22 147
285	6.3	48 33.46	3.1967	0.0185	23 52 45.4	19.606	0.106	82.1	327 348 392	23 126
286	8.2	0 49 1.72	+3.1897	+0.0175	+22 28 41.2	+19.597	−0.107	81.6	15 353 395	22 149
287	8.2	49 5.79	3.1937	0.0180	23 8 46.4	19.596	0.107	82.2	344 355 392	23 127
288	8.8	49 35.41	3.1996	0.0186	23 55 19.4	19.587	0.109	82.1	327 348 392	23 129
289	9.0	49 44.59	3.1961	0.0181	23 16 52.3	19.584	0.109	82.2	344 353 401	23 130
290	9.1	50 11.09	3.1835	0.0166	20 57 23.5	19.575	0.109	81.0	16 343	20 128
291	9.0	0 50 28.24	+3.2088	+0.0194	+25 3 27.1	+19.570	−0.111	80.8	10 12 395	24 148
292	4.7	50 32.04	3.1948	0.0178	22 44 32.0	19.569	0.110	81.6	15 353 399	22 153
293	8.4	50 34.44	3.2063	0.0191	24 36 54.4	19.568	0.111	81.5	183 188 401	24 149
294	8.9	50 43.03	3.2046	0.0189	24 17 8.3	19.565	0.111	80.8	10 12 399	24 151
295	7.4	50 49.76	3.1840	0.0165	20 48 37.6	19.563	0.111	81.9	333 343	20 129
296	8.7	0 51 1.89	+3.2039	+0.0188	+24 1 44.6	+19.559	−0.112	81.0	183 188	23 132
297	8.7	51 17.53	3.1823	0.0162	20 21 26.6	19.554	0.111	82.1	333 343 395	20 130
298	8.9	51 23.07	3.1894	0.0170	21 31 7.7	19.552	0.112	81.4	16 348 392	21 124
299	6.7	51 39.57	3.1893	0.0165	20 43 42.0	19.547	0.112	82.2	344 353 401	20 131
300	7.4	51 45.20	3.2046	0.0187	23 50 48.4	19.545	0.113	82.2	327 355 399	23 134

[1] Dupl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
301	9.0	0h 51m 48s.24	+3s.1838	+0s.0163	+20° 25' 41".8	+19".544	−0".112	82.2	333 348 392	20° 132
302	8.7	51 53.10	3.1919	0.0172	21 44 40.6	19.543	0.113	81.0	16 355	21 126
303	8.5	51 55.10	3.2106	0.0193	24 44 22.5	19.542	0.114	80.8	10 12 395	24 153
304	8.8	51 57.37	3.1932	0.0173	21 55 10.5	19.541	0.113	82.0	344 348 353	21 127
305	9.1 [1]	52 1.51	3.2063	0.0188	24 0 28.5	19.540	0.114	81.2	183 188 327	23 135
306	9.0	0 52 10.62	+3.1846	+0.0164	+20 24 59.8	+19.537	−0.113	81.9	333 343	20 133
307	8.6	52 38.03	3.2104	0.0191	24 25 21.7	19.528	0.115	81.5	183 188 399	24 155
308	8.1	52 59.10	3.2110	0.0191	24 21 52.6	19.521	0.116	80.6	10 12 344	24 156
309	8.5	53 40.32	3.2155	0.0194	24 46 47.5	19.507	0.117	80.7	10 183 188	24 158
310	6.9	53 48.08	3.1890	0.0165	20 34 29.0	19.504	0.117	82.1	333 343 395	20 139
311	8.7	0 53 48.11	+3.2044	+0.0182	+23 1 3.7	+19.504	−0.117	81.2	15 348 355	22 161
312	9.0	54 50.53	3.2098	0.0186	23 27 52.1	19.483	0.119	81.4	15 344 348	23 138
313	6.7	54 58.67	3.2178	0.0194	24 37 8.3	19.480	0.120	80.8	10 12 395	24 163
314	9.1 [2]	55 7.51	3.2082	0.0183	23 7 15.2	19.477	0.120	81.4	15 327 353	23 139
315	8.8	55 28.51	3.2148	0.0190	23 58 51.7	19.470	0.121	81.5	183 188 399	23 141
316	9.0	0 55 29.64	+3.2087	+0.0183	+23 3 25.9	+19.469	−0.120	82.1	327 348 392	22 167
317	8.8	56 0.36	3.2176	0.0191	24 11 31.8	19.458	0.122	80.6	10 12 344	24 167
318	8.6	56 34.63	3.2050	0.0177	22 6 47.5	19.446	0.123	81.4	15 348 392	21 135
319	9.1	56 38.83	3.2019	0.0174	21 36 58.9	19.445	0.122	81.6	16 353 399	21 137
320	8.8	56 46.17	3.1989	0.0170	21 7 58.9	19.442	0.123	81.4	16 353 401	21 138
321	8.8	0 56 49.79	+3.2075	+0.0179	+22 23 51.7	+19.441	−0.123	81.9	327 355	22 168
322	8.3	56 53.39	3.2123	0.0184	23 5 49.8	19.439	0.123	81.4	15 348 392	22 170
323	9.3	57 15.70	3.1963	0.0167	20 34 25.7	19.431	0.124	81.9	333 343	}20 145
324	9.4	57 16.91	3.1965	0.0167	20 35 55.2	19.431	0.124	82.4	344 392	
325	8.6	57 21.39	3.1947	0.0165	20 17 54.0	19.429	0.124	81.9	333 355	20 146
326	8.5	0 57 22.25	+3.2236	+0.0195	+24 33 48.8	+19.429	−0.125	80.5	10 12 183 188	24 169
327	8.7	57 50.73	3.1994	0.0169	20 51 4.3	19.419	0.125	82.1	327 343 399	20 147
328	8.5	58 10.80	3.2237	0.0194	24 17 13.2	19.412	0.126	80.8	10 12 395	24 173
329	8.7	58 38.80	3.2216	0.0190	23 48 46.6	19.401	0.127	81.0	183 188	23 142
330	8.8 [3]	58 51.41	3.1989	0.0167	20 27 4.4	19.396	0.127	82.2	333 348 392	20 154
331	5.7	0 58 59.06	+3.2015	+0.0170	+20 48 11.4	+19.394	−0.127	82.1	327 343 399	20 156
332	6.3	58 59.78	3.2015	0.0169	20 47 43.4	19.394	0.127	82.1	327 343 399	20 157
333	8.6	59 0.44	3.2027	0.0170	20 58 6.7	19.393	0.127	81.9	327 348 353	20 155
334	8.3	59 10.36	3.1985	0.0166	20 17 46.5	19.390	0.127	81.9	333 343	20 158
335	8.6	59 32.66	3.2102	0.0177	21 52 51.4	19.381	0.129	81.4	16 353 401	21 144
336	9.1	0 59 35.34	+3.2064	+0.0173	+21 19 5.7	+19.380	−0.129	81.4	16 344 353	21 145
337	8.8	59 40.32	3.2272	0.0194	24 14 5.9	19.378	0.129	80.8	10 12 399	24 178
338	7.7	59 55.49	3.2159	0.0182	22 33 57.6	19.373	0.130	81.4	15 348 392	22 174
339	8.6	1 0 20.98	3.2284	0.0194	24 10 20.3	19.363	0.131	80.7	10 183 188	24 180
340	8.7	0 43.83	3.2304	0.0195	24 18 18.2	19.354	0.132	80.6	10 12 344	24 182
341	8.4	1 0 53.59	+3.2162	+0.0181	+22 18 8.1	+19.351	−0.131	81.9	15 348 399 401	22 176
342	7.4	1 26.44	3.2104	0.0174	21 18 36.7	19.338	0.132	81.0	16 343	21 150
343	8.8	1 35.73	3.2396	0.0202	25 14 23.8	19.334	0.134	81.0	183 188	25 170
344	8.6	1 37.59	3.2099	0.0173	21 10 58.6	19.334	0.133	81.9	327 353	21 151
345	9.1	1 39.32	3.2072	0.0171	20 47 36.1	19.333	0.133	81.9	333 355	20 163
346	8.4	1 2 15.22	+3.2151	+0.0177	+21 42 38.2	+19.319	−0.134	81.0	16 353	21 152
347	8.9	2 23.44	3.2210	0.0183	22 29 7.4	19.316	0.135	81.6	15 348 399	22 181
348	8.5	2 32.09	3.2311	0.0192	23 47 28.9	19.312	0.135	81.0	183 188	23 148
349	6.9	2 38.44	3.2198	0.0181	22 14 26.6	19.310	0.135	81.9	333 355	22 182
350	8.1	2 40.28	3.2175	0.0179	21 54 38.0	19.309	0.135	81.0	16 353	21 156

[1] Z. 327 dupl.? (maj.) [2] Dupl. maj. seq. [3] Z. 392 dupl.?



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
351	6.4	1h 2m 54s.27	+3s.2270	+0s.0187	+23° 7' 40".5	+19".304	−0".136	82.3	333 401	23° 150
352	8.7	2 55.18	3.2325	0.0193	23 51 4.5	19.303	0.136	81.0	183 188	23 149
353	8.9	3 5.43	3.2311	0.0191	23 36 49.3	19.299	0.136	82.4	355 395	23 151
354	8.7	3 27.48	3.2206	0.0180	22 5 20.0	19.290	0.137	81.6	15 348 399	21 158
355	6.5	3 32.74	3.2413	0.0200	24 47 41.4	19.288	0.138	80.0	10 12	24 186
356	8.6	1 3 56.35	+3.2444	+0.0202	+25 3 27.8	+19.279	−0.139	81.0	183 188	24 187
357	8.1	3 58.47	3.2271	0.0186	22 47 59.7	19.278	0.138	82.4	348 395 399	22 186
358	8.4	4 0.09	3.2352	0.0193	23 51 40.0	19.277	0.138	81.9	327 355	23 154
359	8.7	4 30.46	3.2469	0.0203	25 11 28.9	19.265	0.140	81.0	183 188	25 185
360	8.8	4 37.38	3.2153	0.0174	21 2 23.2	19.262	0.139	82.0	343 347	20 171
361	4.7	1 4 44.26	+3.2106	+0.0169	+20 22 9.9	+19.259	−0.139	82.3	343 395	20 172
362	8.7	4 53.97	3.2207	0.0178	21 40 16.5	19.256	0.139	82.2	347 348 401	21 159
363	7.3	4 56.10	3.2237	0.0181	22 3 26.3	19.255	0.140	81.0	15 355	21 161
364	8.7	5 2.40	3.2134	0.0171	20 40 0.8	19.252	0.139	82.7	395 401	20 174
365	9.1	5 31.70	3.2387	0.0194	23 48 51.2	19.240	0.141	81.9	327 355	23 156
366	8.9	1 5 35.95	+3.2393	+0.0194	+23 52 2.9	+19.238	−0.142	82.1	327 348 401	23 157
367	7.7	5 43.21	3.2296	0.0185	22 35 29.3	19.235	0.141	81.0	15 353	22 192
368	8.6	6 0.17	3.2319	0.0187	22 47 57.8	19.228	0.142	82.0	347 355	22 194
369	8.5	6 9.02	3.2273	0.0182	22 10 29.5	19.225	0.142	81.9	333 353	22 195
370	8.6	6 33.72	3.2491	0.0201	24 47 49.8	19.214	0.144	81.0	183 188	24 189
371	9.1	1 6 41.39	+3.2158	+0.0171	+20 31 14.8	+19.211	−0.143	81.9	333 343	20 177
372	8.0	6 45.92	3.2460	0.0198	24 20 33.5	19.209	0.144	81.0	183 188	24 190
373	5.5	6 57.92	3.2431	0.0195	23 55 15.3	19.204	0.144	81.9	323 327 348 353	23 158
374	8.8	7 0.32	3.2352	0.0188	22 55 15.2	19.203	0.144	81.6	15 340 395	22 198
375	8.4	7 18.47	3.2541	0.0204	25 9 59.2	19.196	0.146	81.5	183 188 399	25 197
376	8.9	1 7 20.87	+3.2194	+0.0173	+20 48 11.8	+19.195	−0.144	81.9	323 343	20 178
377	8.8	7 46.93	3.2562	0.0206	25 16 37.7	19.183	0.147	80.6	10 12 347	25 198
378	8.3	8 29.78	3.2329	0.0184	22 12 21.5	19.165	0.147	80.8	15 16 340	22 200
379	6.6	9 16.17	3.2587	0.0205	25 6 28.9	19.145	0.150	80.7	12 183 188	25 205
380	8.8	9 35.98	3.2430	0.0191	23 7 26.4	19.137	0.150	81.6	15 340 395	23 167
381	7.5	1 9 41.30	+3.2416	+0.0189	+22 55 44.2	+19.134	−0.150	80.8	5 327	22 204
382	8.5	9 46.49	3.2414	0.0189	22 53 7.0	19.132	0.150	81.9	323 327 340 347	22 205
383	7.3	10 5.73	3.2219	0.0172	20 23 37.4	19.123	0.150	81.9	333 343	20 186
384	9.0	10 6.38	3.2477	0.0194	23 32 34.1	19.123	0.151	81.3	5 327 399	23 170
385	8.8	10 18.32	3.2207	0.0171	20 11 9.2	19.118	0.150	81.9	323 343	20 187
386	8.9	1 10 34.27	+3.2497	+0.0195	+23 39 12.6	+19.111	−0.152	81.6	15 340 399	23 171
387	8.6	10 35.72	3.2296	0.0178	21 12 41.7	19.110	0.151	81.4	16 348 392	21 169
388	8.6	10 38.79	3.2220	0.0171	20 16 11.7	19.109	0.151	81.9	323 343	20 190
389	8.5	10 44.24	3.2235	0.0172	20 25 34.4	19.107	0.151	81.9	333 353	20 192
390	8.8	10 57.61	3.2441	0.0189	22 52 11.3	19.101	0.152	82.0	340 347	22 207
391	8.7	1 10 59.25	+3.2372	+0.0183	+22 2 37.2	+19.100	−0.152	81.6	16 355 399	21 170
392	8.5	11 24.75	3.2481	0.0192	23 13 2.3	19.088	0.153	81.9	327 353	23 173
393	8.9	11 30.59	3.2227	0.0171	20 8 13.8	19.086	0.152	82.2	333 348 401	} 20 194
394	9.2	11 34.23	3.2230	0.0171	20 9 7.9	19.084	0.153	82.2	347 348 401	
395	8.3	11 59.49	3.2475	0.0191	22 59 15.8	19.073	0.155	80.9	15 340	22 210
396	8.6	1 12 10.74	+3.2375	+0.0182	+21 45 1.4	+19.068	−0.154	82.0	347 353	21 173
397	9.0	12 15.41	3.2564	0.0198	23 56 51.7	19.066	0.155	81.9	327 353	23 175
398	8.5	12 36.52	3.2555	0.0196	23 44 57.8	19.056	0.156	82.0	347 355	23 176
399	9.0	12 37.64	3.2438	0.0187	22 23 12.6	19.056	0.156	80.9	15 340	22 211
400	8.6	12 43.72	3.2258	0.0172	20 12 38.6	19.053	0.155	82.4	353 395	20 197

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
401	8.8	$1^h\ 12^m\ 58^s.53$	$+3^s.2297$	$+0^s.0175$	+20° 36′ 55″.8	+19″.046	−0″.156	82.4	355 395	20° 198
402	9.1	13 31.66	3.2278	0.0172	20 15 20.1	19.031	0.157	82.4	353 395	20 199
403	9.0	13 32.99	3.2317	0.0176	20 42 59.2	19.030	0.157	82.1	323 348 392	20 200
404	8.6	14 8.04	3.2349	0.0177	20 56 57.8	19.014	0.158	82.0	347 353	20 201
405	8.1	14 12.90	3.2662	0.0203	24 30 19.5	19.012	0.160	81.0	183 188	24 198
406	6.5	1 14 28.21	+3.2422	+0.0183	+21 43 5.8	+19.005	−0.159	81.0	193 202	21 178
407	8.6	14 45.95	3.2645	0.0200	24 10 3.2	18.996	0.161	81.8	327 340	24 200
408	9.3	14 49.14	3.2718	0.0206	24 57 24.1	18.995	0.161	81.9	327 348 355	24 201
409	9.1	14 51.66	3.2686	0.0204	24 35 45.8	18.994	0.161	81.5	183 188 399	24 203
410	9.1	14 53.08	3.2347	0.0176	20 44 6.2	18.993	0.160	81.9	323 343	20 205
411	8.4	1 15 0.16	+3.2448	+0.0184	+21 52 52.8	+18.990	−0.160	81.6	16 343 395	21 180
412	8.8	15 10.36	3.2678	0.0202	24 25 23.0	18.985	0.161	81.0	183 188	24 204
413	8.7	15 22.42	3.2645	0.0200	24 0 18.0	18.979	0.162	81.0	5 323 327	23 180
414	8.5	15 32.02	3.2668	0.0201	24 12 26.2	18.975	0.162	80.6	10 12 347	24 205
415	7.5	15 38.24	3.2423	0.0181	21 25 55.0	18.972	0.161	81.5	193 202 399	21 182
416	9.1	1 15 41.89	+3.2444	+0.0183	+21 39 36.6	+18.970	−0.162	81.2	16 193 395	21 183
417	8.9	16 3.93	3.2600	0.0195	23 18 42.8	18.960	0.163	81.1	15 340 348	23 181
418	8.9	16 13.02	3.2625	0.0197	23 32 59.5	18.955	0.164	82.1	333 340 401	23 182
419	8.7	16 24.98	3.2667	0.0200	23 57 26.4	18.950	0.164	81.1	5 327 347	23 183
420	8.4	16 25.57	3.2658	0.0199	23 51 57.6	18.949	0.164	81.9	323 340 355	23 184
421	8.7	1 16 43.80	+3.2524	+0.0188	+22 18 9.3	+18.941	−0.164	81.6	15 343 395	22 221
422	8.8	16 57.55	3.2654	0.0198	23 40 13.2	18.934	0.165	81.1	5 327 347	23 186
423	8.4	17 0.33	3.2803	0.0210	25 16 21.0	18.933	0.166	81.5	183 188 399	25 232
424	9.0	17 26.73	3.2442	0.0181	21 12 18.3	18.920	0.165	81.1	16 193 401	21 188
425	8.8	17 31.39	3.2725	0.0203	24 17 45.6	18.918	0.167	80.5	10 12 333	24 209
426	8.3	1 17 41.62	+3.2636	+0.0195	+23 17 33.4	+18.913	−0.166	81.1	15 340 355	23 187
427	8.6	17 43.48	3.2464	0.0182	21 23 8.7	18.912	0.166	80.7	16 193 202	21 189
428	8.9	17 56.37	3.2754	0.0204	24 29 41.9	18.906	0.167	81.5	183 188 399	24 210
429	8.6	17 58.39	3.2727	0.0202	24 12 0.9	18.905	0.167	80.8	10 12 395	24 211
430	8.8	18 13.43	3.2691	0.0199	23 44 45.4	18.897	0.168	81.8	323 327 340	23 188
431	8.5	1 18 23.32	+3.2563	+0.0189	+22 18 55.2	+18.893	−0.167	82.2	333 343 399	22 223
432	9.1	18 30.04	3.2579	0.0190	22 27 57.1	18.889	0.168	81.9	323 348 353	22 225
433	6.3	18 46.18	3.2622	0.0193	22 51 37.7	18.881	0.168	81.1	5 327 347	22 226
434	8.9	19 0.63	3.2590	0.0190	22 27 22.3	18.874	0.169	82.1	323 343 395	22 227
435	9.0	19 30.66	3.2571	0.0188	22 7 54.0	18.859	0.170	81.2	15 343 353	22 228
436	9.3	1 19 40.94	+3.2735	+0.0200	+23 49 59.8	+18.854	−0.171	80.7	5 183 188	23 191
437	8.9	19 45.91	3.2651	0.0194	22 55 21.9	18.852	0.171	82.1	327 340 399	22 229
438	8.5	19 58.31	3.2631	0.0192	22 39 34.6	18.846	0.171	81.9	323 348 353	22 230
439	9.1	19 59.36	3.2484	0.0181	21 4 11.8	18.845	0.170	80.9	16 193 355	20 218
440	8.8	20 0.69	3.2583	0.0188	22 8 27.3	18.844	0.171	82.1	333 343 401	22 231
441	9.0	1 20 9.66	+3.2657	+0.0194	+22 53 36.5	+18.840	−0.171	81.3	15 327 340	22 232
442	7.4	20 13.52	3.2840	0.0207	24 47 24.6	18.838	0.172	80.6	10 12 347	24 212
443	9.0	20 28.36	3.2859	0.0209	24 55 13.0	18.831	0.173	81.3	183 188 348	24 215
444	8.8	20 48.73	3.2500	0.0181	21 3 31.7	18.820	0.172	80.7	16 193 202	20 222
445	8.4	21 1.62	3.2884	0.0209	25 1 59.2	18.814	0.174	80.6	10 12 353	24 217
446	8.8	1 21 33.37	+3.2772	+0.0200	+23 45 5.3	+18.798	−0.175	81.0	5 327 333	23 195
447	9.1	22 3.73	3.2765	0.0199	23 33 20.0	18.782	0.176	81.8	323 327 340	23 196
448	7.1	22 12.91	3.2532	0.0181	21 4 52.3	18.778	0.175	80.7	16 193 202	20 226
449	9.1	22 15.31	3.2521	0.0181	20 57 27.7	18.776	0.175	82.1	333 343 395	20 227
450	8.5	22 24.65	3.2854	0.0205	24 22 36.7	18.772	0.177	80.6	10 12 353	24 221

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
451	6.5	1h 22m 30s.42	+3s.2881	+0s.0207	+24° 37′ 38″.8	+18″.769	−0″.177	81.5	183 188 399	24° 222
452	8.9	22 39.82	3.2475	0.0177	20 22 32.4	18.764	0.175	82.1	323 343 401	20 229
453	9.3	22 47.52	3.2564	0.0183	21 17 36.9	18.760	0.176	81.0	16 193 347	21 199
454	9.0	22 51.17	3.2786	0.0199	23 34 53.2	18.758	0.177	81.3	5 327 348	23 199
455	7.2	22 51.47	3.2650	0.0189	22 10 46.2	18.758	0.176	81.1	15 340 355	22 236
456	7.6	1 22 58.39	+3.2737	+0.0195	+23 2 41.8	+18.754	−0.177	81.3	5 333 348	22 238
457	8.8	23 5.57	3.2532	0.0180	20 53 17.4	18.751	0.176	82.1	323 343 401	20 231
458	9.3	23 14.02	3.2868	0.0205	24 18 42.1	18.746	0.178	81.5	183 188 399	24 223
459	8.7	23 16.95	3.2614	0.0186	21 42 2.5	18.745	0.177	81.0	193 202	21 200
460	7.4	23 45.35	3.2978	0.0212	25 16 1.0	18.730	0.180	81.0	183 188	25 258
461	8.3	1 24 0.22	+3.2710	+0.0192	+22 31 49.9	+18.722	−0.179	80.9	15 340	22 239
462	8.3	24 54.07	3.2687	0.0189	22 5 48.4	18.694	0.181	81.6	15 348 399	21 203
463	8.8	25 23.26	3.2702	0.0190	22 8 9.7	18.678	0.182	82.1	323 348 401	22 241
464	9.1	25 33.48	3.2645	0.0186	21 31 24.7	18.673	0.182	82.0	347 355	21 205
465	8.9	25 59.09	3.2577	0.0181	20 44 23.0	18.659	0.182	81.9	323 353	20 236
466	8.6	1 26 7.76	+3.2811	+0.0197	+23 3 26.8	+18.655	−0.184	81.5	5 333 401	22 245
467	8.8	26 10.29	3.2715	0.0190	22 5 47.1	18.653	0.183	81.9	15 348 395 399	22 244
468	8.6	26 19.04	3.2677	0.0187	21 40 32.2	18.649	0.183	82.1	323 348 401	21 207
469	8.1	26 26.97	3.2846	0.0199	23 19 53.5	18.644	0.185	81.4	5 345 355	23 204
470	8.3	26 34.02	3.2704	0.0189	21 53 55.3	18.641	0.184	81.0	193 202	21 208
471	9.0	1 26 36.38	+3.2568	+0.0179	+20 30 34.2	+18.639	−0.183	81.0	180 182 191	20 240
472	7.6	26 37.31	3.2811	0.0196	22 56 53.9	18.639	0.185	81.8	323 340	22 246
473	8.9	27 1.80	3.2989	0.0208	24 34 35.0	18.626	0.186	81.5	183 188 399	24 231
474	8.8	27 9.15	3.2730	0.0190	22 1 47.5	18.622	0.185	81.4	15 333 348	21 210
475	8.7	27 23.91	3.2586	0.0180	20 32 6.2	18.614	0.185	81.0	180 182 191	20 241
476	8.4	1 27 35.95	+3.2815	+0.0195	+22 45 40.8	+18.607	−0.187	82.1	323 340 401	22 247
477	8.8	27 59.03	3.2627	0.0182	20 49 22.7	18.594	0.186	82.0	345 348 353	20 244
478	9.0	28 2.54	3.2557	0.0177	20 6 40.7	18.593	0.186	81.0	180 182 191	20 245
479	8.5	28 26.84	3.2798	0.0193	22 25 1.7	18.579	0.188	81.3	15 333 340	22 249
480	8.8	28 30.54	3.2591	0.0179	20 21 16.4	18.577	0.187	81.0	180 182 191	20 247
481	8.0	1 29 2.22	+3.2672	+0.0184	+21 3 17.4	+18.560	−0.188	81.5	193 202 399	20 251
482	8.8	29 21.53	3.2956	0.0203	23 43 42.7	18.549	0.191	81.1	5 345 347	23 210
483	9.0	29 29.22	3.3073	0.0211	24 47 52.1	18.545	0.192	81.3	183 188 353	24 237
484	8.7	29 31.43	3.2944	0.0202	23 34 37.6	18.544	0.191	82.1	323 340 399	23 211
485	8.9	29 53.93	3.2988	0.0204	23 54 43.5	18.531	0.192	81.1	5 345 347	23 213
486	8.2	1 29 59.03	+3.2769	+0.0189	+21 48 10.3	+18.528	−0.191	81.3	193 202 333	21 217
487	8.8	30 0.38	3.2976	0.0203	23 46 16.9	18.528	0.192	81.9	323 340 353	23 214
488	9.1	30 5.06	3.2692	0.0184	21 2 2.7	18.525	0.191	81.2	180 182 191 347	20 256
489	9.0	30 14.50	3.2928	0.0200	23 16 10.6	18.520	0.192	81.2	15 348 350	23 215
490	7.4	30 31.97	3.3071	0.0209	24 32 10.7	18.510	0.193	81.3	183 188 355	24 239
491	8.6	1 30 40.62	+3.3016	+0.0205	+23 59 30.7	+18.505	−0.194	82.1	323 340 395	23 216
492	8.6	30 41.71	3.2798	0.0190	21 56 13.3	18.504	0.192	81.5	193 202 353 355	21 218
493	8.5	30 44.06	3.2706	0.0184	21 2 23.6	18.503	0.192	81.0	180 182 191	20 258
494	7.8	30 46.72	3.2798	0.0190	21 55 7.2	18.501	0.192	81.3	193 202 355	21 220
495	8.7	30 58.57	3.3162	0.0215	25 15 59.7	18.495	0.195	81.5	183 188 395	25 269
496	8.0	1 31 6.25	+3.2670	+0.0181	+20 37 24.9	+18.490	−0.192	81.0	180 182 191	20 261
497	8.5	31 6.94	3.2822	0.0191	22 4 42.1	18.490	0.193	81.5	15 333 348 350	21 221
498	9.2	31 7.41	3.3009	0.0204	23 49 57.2	18.490	0.194	81.1	5 345 347	23 218
499	7.9	31 11.05	3.2737	0.0186	21 15 3.8	18.488	0.193	81.3	193 202 353	21 222
500	6.8	31 46.80	3.2698	0.0183	20 45 41.4	18.468	0.194	81.5	182 191 395	20 264

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
501	7.9	1h 32m 5s.39	+3s.2759	+0s.0186	+21° 16′ 55″.5	+18″.457	−0″.195	81.5	193 202 399	21° 224
502	8.8	32 8.74	3.3102	0.0209	24 27 36.1	18.455	0.197	81.5	183 188 401	24 241
503	9.1	32 18.47	3.3033	0.0204	23 47 34.6	18.449	0.197	81.1	5 345 347	23 219
504	8.5	32 34.26	3.3150	0.0212	24 48 5.9	18.440	0.198	81.3	183 188 333	24 242
505	8.9	33 6.13	3.2977	0.0199	23 6 34.9	18.422	0.198	81.1	15 340 353	23 221
506	7.9	1 34 13.98	+3.2924	+0.0195	+22 23 29.7	+18.383	−0.200	81.1	15 340 353	22 257
507	6.9	34 20.31	3.3230	0.0215	25 6 48.7	18.379	0.202	81.3	183 188 333	25 276
508	9.0	34 21.15	3.2866	0.0191	21 50 8.0	18.379	0.200	81.3	193 202 353	21 230
509	8.6	34 34.07	3.3059	0.0203	23 33 3.1	18.371	0.201	81.6	5 345 348 350	23 222
510	8.7	35 46.14	3.3214	0.0212	24 40 16.2	18.329	0.204	81.5	183 188 395	24 250
511	9.0	1 35 48.58	+3.2791	+0.0184	+20 51 46.7	+18.327	−0.202	81.3	182 191 333	20 270
512	9.0	35 50.75	3.2746	0.0182	20 26 14.7	18.326	0.202	81.0	180 182 191	20 271
513	8.7	35 51.31	3.3109	0.0205	23 43 23.4	18.326	0.204	81.5	5 323 348 350	23 226
514	9.1	35 51.56	3.3110	0.0205	23 44 10.8	18.325	0.204	82.0	340 345 348	23 227
515	9.2	36 13.80	3.2965	0.0195	22 21 55.9	18.312	0.204	81.1	15 340 353	22 263
516	8.7	1 36 26.66	+3.2805	+0.0185	+20 52 9.0	+18.305	−0.203	81.3	182 191 333	20 273
517	9.0	36 50.07	3.2758	0.0181	20 22 29.1	18.291	0.204	81.9	323 348 350	20 274
518	9.1	37 12.01	3.2795	0.0183	20 38 36.2	18.277	0.205	81.0	180 182 191	20 275
519	9.2	37 49.66	3.3097	0.0202	23 13 23.4	18.255	0.208	81.1	15 340 353	23 229
520	7.8	37 49.81	3.3323	0.0216	25 10 9.1	18.255	0.209	81.3	183 188 355	25 288
521	9.1	1 37 57.90	+3.3193	+0.0208	+24 1 42.1	+18.250	−0.208	80.7	5 183 188	23 230
522	9.1	38 42.45	3.3027	0.0196	22 25 50.8	18.223	0.209	81.4	15 340 345	22 266
523	9.0	38 49.68	3.3236	0.0209	24 12 57.6	18.218	0.210	81.3	183 188 333	24 256
524	8.6	38 52.45	3.3259	0.0211	24 24 20.6	18.217	0.211	81.9	323 348 350	24 257
525	8.6	39 4.92	3.3235	0.0209	24 9 30.2	18.209	0.211	81.3	183 188 353	24 258
526	8.7	1 39 17.39	+3.2970	+0.0192	+21 49 19.7	+18.201	−0.210	81.3	193 202 355	21 234
527	9.1	39 51.79	3.3312	0.0213	24 38 58.6	18.180	0.213	81.9	323 348 350	24 261
528	9.0	40 5.73	3.3277	0.0210	24 18 42.4	18.172	0.213	81.5	183 188 399	24 262
529	8.9	40 11.01	3.3213	0.0206	23 45 11.2	18.169	0.213	82.2	345 348 350 399	23 236
530	8.4	40 14.17	3.3216	0.0206	23 45 58.3	18.167	0.213	81.9	5 348 350 399	
531	8.3	1 40 17.82	+3.2847	+0.0184	+20 33 28.6	+18.164	−0.211	81.0	180 182 191	20 283
532	8.2	40 35.96	3.2879	0.0185	20 47 8.1	18.153	0.212	81.0	180 182 191	20 285
533	8.5	41 0.73	3.3042	0.0195	22 8 4.9	18.138	0.213	81.3	15 323 340	22 271
534	9.3	41 9.04	3.2936	0.0188	21 11 0.7	18.133	0.213	81.3	193 202 333	21 240
535	8.7	41 12.10	3.2920	0.0187	21 2 2.0	18.131	0.213	81.5	193 202 399	20 287
536	8.3	1 41 42.66	+3.3016	+0.0192	+21 46 36.5	+18.112	−0.214	81.5	193 202 401	21 242
537	8.4	41 55.07	3.3207	0.0204	23 21 42.3	18.104	0.216	81.5	15 333 340 345	23 241
538	8.3	42 12.60	3.3302	0.0209	24 6 2.8	18.093	0.217	81.5	183 188 399	24 264
539	9.2	42 13.88	3.2907	0.0185	20 44 31.1	18.092	0.215	81.0	180 182 191	20 289
540	8.9	42 14.84	3.3272	0.0207	23 50 45.6	18.091	0.217	82.1	323 340 401	23 242
541	8.4	1 42 30.23	+3.3304	+0.0209	+24 3 26.4	+18.082	−0.218	81.8	323 340	23 244
542	9.4	42 50.39	3.3321	0.0210	24 8 5.6	18.069	0.219	81.0	183	[24 265]
543	8.3	42 55.78	3.3444	0.0217	25 7 30.1	18.065	0.220	81.6	188 348 350	25 307
544	8.8	42 56.40	3.3454	0.0218	25 11 49.3	18.065	0.220	81.5	183 188 401	25 308
545	6.2	43 14.27	3.3033	0.0192	21 39 13.2	18.054	0.218	81.0	193 202	21 243
546	7.5	1 43 14.38	+3.3033	+0.0192	+21 39 9.2	+18.054	−0.217	81.9	323 353	
547	8.4	43 17.69	3.3022	0.0191	21 32 50.9	18.052	0.217	81.5	193 202 395	21 244
548	9.0	43 18.17	3.2911	0.0184	20 35 37.9	18.051	0.217	81.2	180 182 191 355	20 292
549	9.0	43 42.43	3.2953	0.0187	20 53 20.9	18.036	0.218	81.0	180 182 191	20 294
550	8.6	43 47.79	3.3408	0.0214	24 39 24.6	18.032	0.221	82.0	333 348 350	24 267

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
551	8.6	1h 43m 50s.10	+3s.2936	+0s.0185	+20° 43′ 11″.2	+18″.031	−0″.218	82.2	345 353 399	20° 295
552	7.7	43 58.28	3.3483	0.0218	25 13 50.9	18.026	0.222	81.0	183 188	25 311
553	8.5	44 8.65	3.2916	0.0184	20 29 43.3	18.019	0.218	82.0	345 353	20 296
554	9.4	44 8.92	3.2960	0.0186	20 52 17.5	18.019	0.219	81.4	180 182 191 395	20 297
555	7.2	44 15.01	3.3342	0.0209	24 1 57.1	18.015	0.221	81.9	333 355	23 246
556	9.4	1 44 31.90	+3.3282	+0.0205	+23 29 43.1	+18.004	−0.221	81.4	15 340 401	23 247
557	9.2	44 32.10	3.3281	0.0205	23 29 7.9	18.004	0.221	82.5	355 395 401	(23 247)
558	9.0	44 41.45	3.2958	0.0186	20 45 48.2	17.998	0.220	81.9	323 348 350	20 298
559	6.4	45 12.68	3.3298	0.0205	23 29 51.3	17.978	0.223	81.3	5 333 399	23 252
560	8.6	45 20.25	3.3467	0.0215	24 50 13.1	17.973	0.224	82.4	353 395	24 269
561	8.9	1 45 33.22	+3.3164	+0.0197	+22 20 7.0	+17.965	−0.223	81.4	15 340 401	22 277
562	8.8	45 39.82	3.2940	0.0184	20 26 48.7	17.960	0.221	81.9	323 348 350	20 299
563	8.3	46 13.53	3.3061	0.0190	21 22 9.5	17.938	0.223	81.9	333 353	21 250
564	8.5	46 32.68	3.3025	0.0188	21 0 40.7	17.926	0.224	82.3	348 350 395	20 302
565	9.0	46 50.08	3.2991	0.0186	20 41 7.2	17.915	0.224	82.2	323 355 399	20 303
566	6.9	1 46 53.84	+3.3547	+0.0218	+25 9 39.0	+17.912	−0.228	82.4	355 395	25 319
567	8.7	47 11.41	3.3350	0.0206	23 33 22.7	17.900	0.227	81.9	333 340	23 254
568	8.8	47 15.91	3.3429	0.0211	24 10 21.4	17.898	0.228	82.3	348 350 395	24 273
569	9.3	47 20.95	3.3072	0.0190	21 16 11.8	17.894	0.225	82.9	399 418	21 255
570	8.7	47 24.85	3.3074	0.0190	21 16 21.7	17.892	0.226	82.5	353 395 401	(21 255)
571	**2.8**	**1 47 44.26**	**+3.2950**	**+0.0183**	**+20 11 45.7**	**+17.879**	**−0.225**		**Fund. Cat.**	**20 306**
572	8.7	47 55.93	3.3014	0.0186	20 41 29.2	17.871	0.226	81.9	323 353	20 307
573	9.2	48 10.79	3.3080	0.0190	21 12 0.2	17.861	0.227	82.4	355 395 399	21 256
574	9.1	48 35.72	3.3103	0.0191	21 19 15.8	17.845	0.228	81.9	323 353	21 257
575	5.8	48 52.99	3.3314	0.0202	22 57 48.9	17.833	0.230	82.4	352 395 399	22 284
576	8.7	1 49 6.17	+3.3284	+0.0200	+22 41 18.0	+17.824	−0.230	82.2	323 353 403	22 285
577	8.7	49 16.24	3.3044	0.0187	20 43 43.0	17.818	0.229	81.0	180 182 191	20 309
578	9.2	49 27.65	3.3098	0.0189	21 8 19.4	17.810	0.230	81.0	193 202	21 258
579	9.4	49 48.20	3.3407	0.0207	23 32 27.4	17.796	0.232	81.7	5 347 355 395	23 260
580	9.0	49 49.60	3.3540	0.0214	24 34 4.0	17.795	0.233	81.2	22 348 350	24 282
581	9.1	1 49 50.40	+3.3385	+0.0206	+23 21 31.8	+17.795	−0.232	82.0	345 352	23 261
582	8.0	49 50.64	3.3268	0.0199	22 26 20.1	17.795	0.231	82.1	323 340 399	22 287
583	8.5	50 4.99	3.3489	0.0211	24 7 24.8	17.785	0.233	82.0	345 353	24 283
584	9.1	50 11.26	3.3637	0.0220	25 14 18.0	17.781	0.235	81.2	22 348 350	25 328
585	9.1	50 24.72	3.3014	0.0184	20 18 18.4	17.772	0.231	81.0	180 182 191	20 312
586	6.5	1 50 57.94	+3.3362	+0.0203	+22 59 8.1	+17.749	−0.234	80.5	5 15 347	22 288
587	8.2	50 59.91	3.3364	0.0203	22 59 33.1	17.748	0.234	81.4	15 340 347	22 289
588	8.4	51 1.20	3.3082	0.0187	20 45 30.9	17.747	0.232	81.0	180 182 191	20 314
589	8.5	51 21.55	3.3658	0.0219	25 10 47.1	17.733	0.237	81.2	22 348 350	25 333
590	8.3	51 33.58	3.3570	0.0214	24 29 3.4	17.725	0.237	82.2	323 352 399	24 287
591	8.9	1 52 4.51	+3.3445	+0.0206	+23 26 6.1[1]	+17.704	−0.237	81.4 82.0	5a 345 353	23 265
592	8.8	52 6.49	3.3172	0.0191	21 18 11.0	17.702	0.235	81.1	24 28 347 353	21 263
593	7.2[2]	52 17.81	3.3553	0.0212	24 13 13.4	17.695	0.238	82.1	323 340 355 403	24 288
594	7.2	52 27.76	3.3173	0.0191	21 15 8.0	17.688	0.236	80.8	24 28 395	21 264
595	8.9	52 30.15	3.3128	0.0188	20 53 21.4	17.686	0.235	81.5	193 202 399	20 319
596	8.9	1 52 39.15	+3.3069	+0.0185	+20 23 56.9	+17.680	−0.235	81.2	180 182 191 353	20 320 pr.
597	6.1	52 39.63	3.3076	0.0185	20 27 1.4	17.680	0.235	81.0	180 182 191	20 322
598	9.4	52 39.74	3.3068	0.0185	20 23 23.8	17.680	0.235	81.9	323 355	20 320 s.
599	8.8	52 40.63	3.3649	0.0217	24 52 45.5	17.679	0.239	81.3	22 348 350 352	24 290
600	9.3	52 48.26	3.3379	0.0202	22 48 22.4	17.674	0.238	81.1	15 340 355	22 294

[1] Z. 5 10″.8 ausgeschlossen [2] Dupl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
601	8.2	$1^h\ 53^m\ 22^s.53$	+3^s.3608	+0^s.0214	+24° 26′ 40″.8	+17″.650	−0″.240	81.3	22 348 350 352	24° 292
602	9.2	53 41.62	3.3505	0.0208	23 37 6.3	17.637	0.240	81.4	5 345 353	23 269
603	9.0	54 0.46	3.3333	0.0198	22 15 20.4	17.624	0.240	81.6	15 340 395	22 295
604	7.9	54 9.50	3.3545	0.0210	23 50 19.2	17.617	0.241	82.0	345 348 350	23 270
605	9.2	54 9.94	3.3195	0.0190	21 9 32.7	17.617	0.239	81.5	193 202 399	21 266
606	8.9	1 54 11.98	+3.3646	+0.0215	+24 35 23.0	+17.616	−0.242	81.7	22 352 403	24 294
607	7.0	54 34.97	3.3415	0.0202	22 47 23.3	17.600	0.241	82.0	345 348 350	22 296
608	9.0	54 36.20	3.3508	0.0207	23 29 5.7	17.599	0.242	81.8	323 340	23 271
609	8.2	54 37.91	3.3316	0.0197	22 1 29.2	17.598	0.241	80.6	24 28 355	21 267
610	8.9	54 47.26	3.3225	0.0192	21 17 47.8	17.591	0.240	80.6	24 28 193 202	21 268
611	9.0	1 54 50.22	+3.3627	+0.0213	+24 19 59.6	+17.589	−0.243	82.2	323 352 399	24 295
612	7.0	55 9.96	3.3259	0.0193	21 30 3.4	17.575	0.241	80.8	24 28 395	21 270
613	8.4	55 31.81	3.3171	0.0188	20 45 52.4	17.560	0.241	81.0	180 182 191	20 326
614	9.2	55 44.99	3.3527	0.0207	23 26 9.7	17.550	0.244	80.5	5 15 340	23 272
615	8.4	56 29.88	3.3701	0.0216	24 35 50.8	17.519	0.247	81.4	22 345 352	24 296
616	8.5	1 56 38.66	+3.3390	+0.0199	+22 16 14.6	+17.512	−0.245	80.7	15 193 202	22 298
617	8.8	56 39.50	3.3181	0.0187	20 40 28.4	17.512	0.243	81.0	180 182 191	20 328
618	9.1	56 59.60	3.3221	0.0189	20 55 47.6	17.498	0.244	81.0	180 182 191	20 330
619	8.6[1]	57 25.70	3.3384	0.0198	22 6 11.3	17.479	0.246	81.5	193 202 399	22 300
620	8.7	57 30.27	3.3166	0.0186	20 25 59.8	17.476	0.245	81.3	193 202 353	20 332
621	7.7	1 57 31.65	+3.3756	+0.0217	+24 49 7.6	+17.475	−0.249	81.4	22 345 352	24 298
622	8.9	57 44.01	3.3190	0.0187	20 35 24.1	17.466	0.245	81.0	180 182 191	20 333
623	9.2	57 47.12	3.3201	0.0188	20 39 35.8	17.464	0.246	81.0	180 182 191	20 334
624	8.9	57 58.78	3.3510	0.0204	22 57 18.8	17.455	0.248	81.4	15 340 345	22 302
625	8.9	58 39.94	3.3577	0.0207	23 19 58.0	17.425	0.250	81.5	5 323 348 350	23 284
626	8.0	1 58 43.17	+3.3746	+0.0215	+24 32 45.2	+17.423	−0.251	81.2	22 352 355	24 300
627	8.7	59 0.35	3.3344	0.0194	21 33 34.3	17.411	0.249	80.6	24 28 353	21 275
628	8.2[2]	59 11.47	3.3752	0.0215	24 30 37.8	17.403	0.252	82.4	352 395	}
	9.0[2]	59 11.59	3.3752	0.0215	24 30 37.0	17.403	0.252	82.0	347	} 24 302
629	8.5[2]	59 11.56	3.3752	0.0215	24 30 35.3	17.403	0.252	82.4	352 395	}
630	7.0	59 27.99	3.3651	0.0210	23 44 26.2	17.391	0.252	81.3	5 345 399	23 285
631	5.6	1 59 34.47	+3.3421	+0.0197	+22 3 4.4	+17.386	−0.250	80.9	24 28 403	21 279
632	7.9	59 37.67	3.3864	0.0221	25 13 58.9	17.384	0.254	81.2	22 348 350	25 348
633	6.0	59 44.28	3.3849	0.0220	25 6 26.1	17.379	0.254	81.0	22 355	25 349
634	**2.0**	**2 0 7.80**	**3.3545**	**0.0203**	**22 52 13.1**	**17.362**	**0.252**		**Fund. Cat.**	**22 306**
635	8.6	0 13.65	3.3365	0.0194	21 32 9.4	17.358	0.251	80.1	24 28	21 281
636	8.2	2 1 11.26	+3.3633	+0.0207	+23 20 23.8	+17.315	−0.255	81.6	5 345 401	23 287
637	7.9	1 13.27	3.3758	0.0213	24 13 23.9	17.314	0.256	82.0	345 352	24 305
638	9.1	1 29.93	3.3343	0.0191	21 11 25.9	17.302	0.253	81.0	180 182 191	21 286
639	9.1	1 41.68	3.3767	0.0213	24 12 54.8	17.293	0.257	82.0	345 352	24 307
640	8.8	1 48.94	3.3772	0.0213	24 13 56.6	17.288	0.257	82.0	340 345	24 308
641	9.0	2 2 1.96	+3.3438	+0.0196	+21 48 19.0	+17.278	−0.255	80.1	24 28	21 288
642	8.6	2 7.15	3.3850	0.0217	24 43 34.8	17.274	0.258	81.4	22 342 401	24 312
643	8.8	2 13.56	3.3707	0.0210	23 42 29.9	17.269	0.257	81.7	5 342 399	23 288
644	8.3	2 18.72	3.3785	0.0213	24 14 36.1	17.265	0.258	81.8	323 340	24 313
645	8.5	2 34.10	3.3395	0.0193	21 24 59.9	17.254	0.256	80.1	24 28	21 291
646	8.5	2 2 34.14	+3.3562	+0.0202	+22 37 33.3	+17.254	−0.257	81.3	193 202 352	22 309
647	9.1	3 12.96	3.3887	0.0218	24 48 21.8	17.225	0.261	81.6	22 337 399	24 316
648	8.7	3 44.83	3.3845	0.0215	24 26 12.7	17.201	0.261	81.6	22 340 399	24 318
649	8.1	3 51.65	3.3672	0.0206	23 12 27.8	17.196	0.260	81.5	5 323 348 350	23 293
650	8.3	4 8.40	3.3595	0.0202	22 37 37.1	17.184	0.260	81.5	193 202 401	22 312

[1] Z. 399 obl. [2] Dupl. pr., med., seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
651	8.5	2h 4m 20s.30	+3s.3786	+0s.0211	+23° 56′ 5″.8	+17″.175	−0″.262	81.6	5 345 348 350	23° 295
652	7.8	4 22.60	3.3343	0.0189	20 47 13.8	17.173	0.258	81.5	182 191 401	20 341
653	8.7	4 25.18	3.3259	0.0185	20 10 1.2	17.171	0.258	81.0	182 191	20 343
654	8.7	4 39.72	3.3410	0.0192	21 13 44.7	17.160	0.259	80.9	24 28 403	21 293
655	8.9	5 6.93	3.3935	0.0218	24 50 14.1	17.139	0.264	81.1	22 337 342	24 319
656	8.4	2 5 11.24	+3.3724	+0.0207	+23 22 27.7	+17.136	−0.263	81.9	323 340 355	23 296
657	8.7	5 11.74	3.3526	0.0197	21 58 48.5	17.136	0.261	81.0	193 202	21 295
658	8.5	5 19.51	3.3446	0.0193	21 23 44.6	17.130	0.261	81.4	24 28 401 403	21 298
659	9.0	5 21.57	3.3510	0.0196	21 50 39.3	17.128	0.261	81.0	193 202	21 297
660	6.3	5 33.57	3.3762	0.0209	23 34 45.4	17.119	0.264	81.6	5 345 348 350	23 297
661	6.3	2 5 48.41	+3.3348	+0.0188	+20 37 21.4	+17.108	−0.261	81.3	182 191 353	20 348
662	8.7	6 4.64	3.3506	0.0196	21 42 59.5	17.095	0.263	80.6	24 28 355	21 301
663	9.4	6 5.68	3.3638	0.0202	22 38 31.9	17.095	0.264	81.9	323 340 352	22 317
664	8.6	6 16.45	3.3956	0.0218	24 47 43.4	17.087	0.267	82.2	337 345 399	24 322
665	9.2	6 33.77	3.3960	0.0218	24 46 41.3	17.073	0.267	81.4	22 337 401	24 324
666	7.6	2 6 34.76	+3.3995	+0.0220	+25 0 41.6	+17.072	−0.267	81.2	22 337 355	24 325
667	8.8	6 57.69	3.3724	0.0205	23 6 46.0	17.055	0.266	81.5	5 323 348 350	23 300
668	8.7	7 3.94	3.3316	0.0185	20 13 51.7	17.050	0.263	81.0	182 191	20 351
669	9.5	7 8.73	3.3413	0.0190	20 54 39.7	17.046	0.264	81.7	182 191 342 399	20 352
670	8.7	7 26.66	3.3827	0.0210	23 44 46.0	17.033	0.268	81.8	323 340	23 301
671	9.0	2 7 29.95	+3.3365	+0.0187	+20 31 23.7	+17.030	−0.264	81.9	342 345	20 354
672	9.1	7 38.59	3.3403	0.0189	20 46 16.9	17.023	0.265	80.6	182 191 352	20 356
673	8.5	7 43.65	3.3582	0.0198	22 0 54.0	17.020	0.266	81.5	193 202 401	21 303
674	8.7	7 55.62	3.3359	0.0187	20 25 16.7	17.010	0.265	81.8	182 345 348 350	20 358
675	7.9	7 55.97	3.3590	0.0198	22 2 44.6	17.010	0.267	80.9	24 28 401	21 304
676	9.1	2 8 5.11	+3.3536	+0.0195	+21 38 56.2	+17.003	−0.267	81.5	193 202 348 350	21 305
677	7.0	8 15.88	3.3837	0.0210	23 41 36.8	16.995	0.269	81.3	5 323 353	23 303
678	8.5	8 22.32	3.3600	0.0198	22 3 21.2	16.990	0.268	80.1	24 28	21 307
679	9.1	8 35.49	3.3685	0.0202	22 36 26.9	16.979	0.269	81.9	323 340 353	22 321
680	6.5	8 36.93	3.4071	0.0221	25 12 5.9	16.978	0.272	81.2	22 337 355	25 373
681	6.3	2 8 37.40	+3.3959	+0.0215	+24 27 44.5	+16.978	−0.271	82.0	337 345 355	24 329
682	8.9	8 45.65	3.3493	0.0192	21 15 20.9	16.972	0.267	81.9	193 202 401 403	21 309
683	8.8	8 49.63	3.3741	0.0204	22 57 40.2	16.968	0.269	82.3	342 399	22 322
684	8.4	8 56.20	3.3591	0.0197	21 54 38.6	16.963	0.269	82.0	202 352 399	21 310
685	8.6	8 57.00	3.3826	0.0209	23 31 3.8	16.963	0.270	81.7	5 353 403	23 304
686	var.[1]	2 9 0.62	+3.3970	+0.0216	+24 28 27.8	+16.960	−0.272	82.4	337 348 350 416	24 330
687	9.0	9 7.89	3.3699	0.0202	22 37 55.2	16.954	0.270	81.8	323 340	22 324
688	8.5	9 18.12	3.3795	0.0207	23 15 37.7	16.946	0.271	82.6	342 403 418	23 305
689	9.0	9 24.05	3.3695	0.0202	22 33 54.7	16.942	0.270	82.3	340 399	22 325
690	9.0	9 36.38	3.3600	0.0197	21 52 50.1	16.932	0.270	80.1	28	[21 312]
691	8.7	2 9 44.90	+3.3725	+0.0203	+22 42 59.9	+16.925	−0.271	81.8	323 342	22 326
692	8.8	10 3.22	3.3478	0.0191	20 58 59.0	16.911	0.270	81.0	182 191	20 363
693	6.8	10 6.63	3.3802	0.0206	23 11 17.0	16.908	0.272	82.4	352 399	23 307
694	8.5	10 11.30	3.3819	0.0207	23 17 34.3	16.905	0.273	82.5	352 403 416	} 23 308
695	8.6	10 11.59	3.3819	0.0207	23 17 37.5	16.904	0.273	82.5	352 415	
696	9.0	2 10 32.56	+3.3585	+0.0195	+21 39 7.1	+16.888	−0.271	80.1	24 28	} 21 316
697	9.1	10 32.88	3.3585	0.0195	21 39 5.1	16.888	0.271	82.2	5 Beob.[2]	
698	8.6	10 42.37	3.3651	0.0198	22 4 54.5	16.880	0.272	81.8	323 340	21 317
699	8.8	11 19.53	3.3570	0.0194	21 26 40.5	16.851	0.273	81.0	193 202	21 319
700	7.8	11 33.24	3.3556	0.0193	21 19 10.7	16.840	0.273	80.5	24 28 182 191	21 321

[1] R Arietis; 9.4 8.1 8.1 8.5 [2] Z. 193 202 401 415 418

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
701	6.4	2h 11m 54.s65	+3.s3750	+0.s0202	+22° 35′ 24.″0	+16.″823	−0.″275	81.8	323 340	22° 329
702	8.5	11 59.53	3.3565	0.0193	21 19 38.4	16.819	0.274	81.0	182 191	21 322
703	9.3	12 3.96	3.4148	0.0221	25 11 12.6	16.816	0.279	82.5	342 403 416	25 378
704	8.7	12 26.71	3.4118	0.0219	24 56 8.0	16.798	0.279	82.0	337 345	24 335
705	8.9	12 30.46	3.3617	0.0195	21 36 36.7[1]	16.795	0.275	80.9 81.4	24 28a 403	21 323
706	9.2	2 12 52.52	+3.3521	+0.0190	+20 54 38.8	+16.777	−0.275	81.0	182 191 193 202	20 374
707	9.1	13 6.13	3.3527	0.0190	20 55 25.0	16.766	0.276	81.0	182 191 193 202	20 376
708	9.1	13 24.06	3.4135	0.0219	24 54 14.2	16.752	0.281	81.1	22 337 342	24 337
709	8.5	13 37.12	3.3674	0.0197	21 51 16.2	16.741	0.278	81.4	24 28 401 403	21 326
710	8.9	13 52.93	3.3521	0.0189	20 47 16.9	16.729	0.277	81.0	182 191	20 379
711	7.8	2 14 9.95	+3.3836	+0.0204	+22 51 10.4	+16.715	−0.280	81.8	323 340	22 331
712	9.4	14 30.94	3.3874	0.0205	23 3 30.6	16.698	0.281	82.0	352	} 22 333
713	8.7	14 31.21	3.3874	0.0205	23 3 18.6	16.698	0.281	81.4	5 345 352	}
714	6.6	15 3.09	3.3770	0.0200	22 18 3.2	16.672	0.281	81.0	193 202	22 334
715	9.1	15 7.33	3.3606	0.0192	21 12 19.3	16.668	0.280	81.4	19 20 401 403	21 329
716	8.5	2 15 25.04	+3.3668	+0.0195	+21 34 35.9	+16.654	−0.281	80.1	24 28	21 330
717	8.5	15 33.42	3.3545	0.0189	20 44 29.5	16.647	0.280	81.0	182 191	20 385
718	—	15 36.20	3.3967	0.0208	23 30 58.6	16.645	0.283	79.9	5	— —
719	8.8	15 43.82	3.3971	0.0208	23 31 32.1	16.639	0.284	81.8	323 340 342	23 315
720	8.8	15 48.21	3.4145	0.0217	24 37 29.8	16.635	0.285	81.0	22 337	24 339
721	8.9	2 15 53.86	+3.4065	+0.0213	+24 6 17.4	+16.631	−0.285	81.8	323 340	24 340
722	8.7	15 57.65	3.3697	0.0196	21 42 14.1	16.628	0.282	80.8	19 20 401	21 331
723	8.7	16 26.14	3.3776	0.0199	22 9 45.6	16.604	0.283	81.0	193 202	22 338
724	8.4	16 29.68	3.3736	0.0197	21 53 23.4	16.601	0.283	81.4	24 28 401 403	21 332
725	8.6	16 35.19	3.3768	0.0198	22 5 16.4	16.597	0.284	80.1	24 28	22 339
726	8.6	2 16 44.14	+3.4025	+0.0210	+23 44 7.7	+16.590	−0.286	81.4	5 345 352	23 316
727	9.0	16 46.37	3.3583	0.0190	20 50 42.0	16.588	0.282	81.0	182 191	20 388
728	8.3	17 35.14	3.3753	0.0197	21 51 55.0	16.548	0.285	80.0	19 20	21 333
729	9.1	17 44.91	3.3890	0.0203	22 44 0.2	16.540	0.287	81.8	323 340	22 341
730	8.3	17 52.34	3.4238	0.0219	24 55 9.0	16.534	0.290	81.0	22 337	24 344
731	9.2	2 17 55.06	+3.3974	+0.0206	+23 15 1.2	+16.531	−0.288	81.4	5 342 345	23 318
732	8.7	18 19.66	3.4145	0.0214	24 16 35.8	16.511	0.290	82.4	340 345 401 403	24 346
733	8.8	18 32.17	3.4060	0.0210	23 42 59.1	16.501	0.289	81.8	323 340	23 319
734	7.7	18 42.97	3.4204	0.0216	24 35 36.4	16.492	0.291	81.0	22 337	24 347
735	9.4	18 50.32	3.3896	0.0202	22 37 43.8	16.486	0.288	81.5	193 202 345 352	22 345
736	9.0	2 18 54.56	+3.3641	+0.0190	+20 58 1.4	+16.482	−0.286	80.8	19 20 403	20 393
737	8.8	19 50.33	3.4110	0.0211	23 51 14.9	16.436	0.292	81.3	5 323 352	23 323
738	8.0	19 53.92	3.3868	0.0200	22 18 54.0	16.433	0.290	81.0	193 202	22 347
739	9.1	20 7.26	3.3876	0.0200	22 20 23.9	16.421	0.291	81.0	193 202	22 348
740	8.9	20 16.62	3.4319	0.0220	25 5 11.0	16.414	0.295	81.6	22 337 403	24 351
741	8.8	2 20 56.24	+3.3767	+0.0194	+21 32 37.3	+16.380	−0.291	80.1	19 20 24 28	21 339
742	8.4	21 8.98	3.4172	0.0212	24 4 12.1	16.370	0.295	81.8	323 340	23 326
743	9.3	21 10.72	3.3625	0.0188	20 35 48.9	16.368	0.290	81.0	182 191	20 399
744	8.6	21 40.85	3.4061	0.0207	23 18 34.9	16.343	0.295	81.3	5 323 352	23 330
745	9.4	21 49.52	3.3643	0.0188	20 38 4.8	16.335	0.292	82.4	342 345 401 403	[20 402]
746	8.7	2 21 52.98	+3.3643	+0.0188	+20 37 44.4	+16.332	−0.292	81.5	182 191 401	20 403
747	8.8	22 0.39	3.3909	0.0200	22 18 52.9	16.326	0.294	81.0	193 202	22 353
748	6.7	22 6.32	3.4006	0.0204	22 54 33.9	16.321	0.295	81.5	5 340 342 345	22 354
749	8.0	22 13.82	3.3712	0.0191	21 2 5.3	16.315	0.293	80.0	19 20	20 404
750	8.4	22 20.18	3.3598	0.0186	20 17 10.6	16.309	0.292	81.0	182 191	20 405

[1] Z. 28 41.″9 ausgeschlossen

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
751	9.0	2h 23m 14s.83	+3s.4001	+0s.0203	+22° 44′ 13″.2	+16″.263	−0″.297	81.8	323 340	22° 356
752	6.4	23 21.19	3.4319	0.0216	24 40 46.8	16.257	0.300	81.0	22 337	24 358
753	9.1	23 26.10	3.4329	0.0217	24 43 31.9	16.253	0.300	81.0	22 337	24 359
754	8.4	23 35.47	3.3626	0.0186	20 19 26.5	16.245	0.295	81.0	182 191	20 408
755	8.3	23 37.79	3.3876	0.0197	21 54 36.6	16.243	0.297	80.0	19 20	21 344
756	8.2	2 23 40.52	+3.3651	+0.0187	+20 28 39.7	+16.241	−0.295	81.0	182 191 202	20 409
757	9.4[1]	23 53.06	3.3729	0.0190	20 56 55.7	16.230	0.296	81.7	182 191 352 403	20 410
758	8.8	23 59.86	3.4085	0.0205	23 9 59.2	16.224	0.299	81.3	5 323 352	23 335
759	9.0	24 1.74	3.3841	0.0195	21 38 32.9	16.223	0.297	80.1	24 28	21 345
760	8.9	24 4.74	3.3665	0.0187	20 31 15.4	16.220	0.296	81.5	193 345	20 411
761	8.2	2 24 18.59	+3.3828	+0.0194	+21 31 44.9	+16.208	−0.298	80.1	24 28	21 346
762	8.5	24 35.27	3.3770	0.0191	21 7 49.8	16.194	0.298	80.1	24 28	21 347
763	7.4	24 44.79	3.3724	0.0189	20 49 12.4	16.186	0.297	81.0	182 191 193 202	20 414
764	8.8	24 59.63	3.3960	0.0199	22 16 20.7	16.173	0.300	81.0	193 202	22 359
765	7.9	25 7.22	3.3831	0.0194	21 27 9.5	16.166	0.299	80.0	19 20	21 348
766	7.4	2 25 12.46	+3.3692	+0.0188	+20 33 48.4	+16.162	−0.298	81.8	323 342	20 416
767	8.6	25 16.92	3.3747	0.0190	20 54 21.0	16.158	0.299	81.9	323 352	20 418
768	8.1	25 17.65	3.3887	0.0196	21 46 46.8	16.157	0.300	81.0	28 345	21 349
769	9.0	25 18.69	3.4402	0.0218	24 55 8.0	16.156	0.304	81.0	22 337	24 364
770	8.5	25 23.44	3.4021	0.0201	22 35 58.8	16.152	0.301	82.1	193 403 415	22 361
771	9.1	2 25 52.73	+3.4039	+0.0202	+22 39 16.8	+16.127	−0.302	81.3	5 323 352	22 364
772	9.1	26 12.23	3.3686	0.0187	20 24 52.0	16.110	0.299	80.0	19 20	20 421
773	8.6	26 29.79	3.4262	0.0211	23 55 59.1	16.095	0.305	81.4	5 337 345	23 339
774	8.8	26 56.36	3.3728	0.0188	20 36 0.1	16.072	0.301	81.0	182 191	20 424
775	9.1	27 10.53	3.3736	0.0188	20 37 23.7	16.059	0.302	81.3	182 191 345	20 425
776	8.4	2 27 20.38	+3.4117	+0.0204	+22 57 8.4	+16.051	−0.305	81.3	5 323 342	22 367
777	8.7	27 22.27	3.4370	0.0214	24 27 55.2	16.049	0.307	81.1	22 337 340	24 368
778	8.7	27 22.84	3.3658	0.0184	20 6 41.9	16.049	0.301	81.0	182 191	20 426
779	8.6	27 27.15	3.4351	0.0214	24 20 36.1	16.045	0.307	81.0	22 340	24 369
780	8.6	27 29.85	3.3825	0.0191	21 8 32.1	16.042	0.303	80.8	19 20 403	21 353
781	8.3	2 27 32.41	+3.4033	+0.0200	+22 25 6.4	+16.040	−0.305	81.0	193 202	22 368
782	9.3	27 33.70	3.3868	0.0193	21 24 4.9	16.039	0.303	80.1	24	[21 354]
783	8.9	28 15.71	3.4195	0.0206	23 18 50.8	16.002	0.307	81.8	323 340	23 341
784	8.8	29 8.73	3.3725	0.0186	20 20 20.4	15.956	0.305	80.5	19 20 182 191	20 432
785	8.1	29 34.41	3.4086	0.0200	22 30 22.2	15.933	0.309	81.5	193 202 403	22 372
786	8.1	2 29 40.63	+3.3704	+0.0184	+20 9 18.7	+15.927	−0.305	81.0	182 191	20 433
787	7.1	29 45.43	3.4358	0.0211	24 6 8.9	15.923	0.311	81.0	22 340	24 375
788	6.7	29 48.23	3.4359	0.0211	24 6 6.6	15.921	0.312	81.1	22 337 340	24 376
789	9.4	30 23.51	3.3812	0.0188	20 44 53.2	15.889	0.308	81.4	19 20 401 403	20 435
790	9.0	30 31.17	3.3793	0.0187	20 36 57.4	15.882	0.308	82.0	345 352	20 437
791	8.8	2 30 31.26	+3.3835	+0.0189	+20 52 29.1	+15.882	−0.308	81.0	193 202	20 436
792	8.3	30 41.00	3.4121	0.0201	22 35 7.8	15.874	0.311	82.3	323 342 401 403	22 375
793	8.9	31 2.00	3.3730	0.0184	20 10 19.7	15.855	0.308	82.4	342 345 401 403	20 438
794	8.6	31 4.08	3.3944	0.0193	21 28 39.4	15.853	0.310	80.1	24 28	21 361
795	**5.6**	**31 43.28**	**3.3946**	**0.0192**	**21 25 10.6**	**15.818**	**0.311**		**Fund. Cat.**	**21 362**
796	9.0	2 31 52.38	+3.4217	+0.0203	+23 1 17.5	+15.810	−0.314	82.0	345 352	22 378
797	8.8	32 1.02	3.4349	0.0209	23 46 42.9	15.802	0.315	82.2	342 345 401	23 349
798	8.9	32 10.54	3.3910	0.0191	21 8 59.2	15.793	0.312	82.4	193 401 403 416	21 363
799	8.7	32 21.60	3.4381	0.0210	23 55 19.4	15.784	0.316	81.5	204 337	23 350
800	9.1	33 1.38	3.4365	0.0208	23 45 14.3	15.748	0.317	81.9	337 345	23 352

[1] Dupl. seq. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
801	9.1	2^h 33^m $7^s.71$	$+3^s.4137$	$+0^s.0199$	+22° 24' 14".2	+15".742	−0".315	81.9	193 202 401 403	22° 383
802	8.0	33 26.87	3.3849	0.0187	20 38 54.9	15.725	0.313	81.0	182 191	20 443
803	8.3	33 35.20	3.3858	0.0187	20 41 3.0	15.717	0.313	81.0	182 191	20 444
804	8.8	33 46.01	3.4392	0.0209	23 49 18.1	15.707	0.319	81.1	204 210	23 353
805	9.0	33 56.14	3.4436	0.0210	24 3 4.5	15.698	0.319	81.4	22 340 345	23 354
806	8.4	2 33 56.30	+3.4616	+0.0218	+25 4 36.7	+15.698	−0.321	81.0	22 337	24 381
807	8.2	34 23.43	3.4043	0.0194	21 42 26.7	15.673	0.316	80.1	24 28	21 366
808	9.2	34 34.64	3.4362	0.0207	23 33 24.7	15.663	0.320	81.9	170 196 401 403	23 356
809	9.0	34 53.91	3.4443	0.0210	23 58 57.3	15.646	0.321	81.8	323 340	23 357
810	9.0	35 13.47	3.3832	0.0185	20 21 32.3	15.628	0.316	81.6	176 323 352	20 449
811	8.9	2 35 43.93	+3.4176	+0.0198	+22 20 49.7	+15.600	−0.320	81.9	170 196 401 403	22 389
812	9.0	36 23.73	3.4142	0.0196	22 4 38.9	15.563	0.321	80.1	24 28	21 368
813	7.6	36 26.39	3.4396	0.0206	23 32 25.7	15.561	0.323	81.5	170 196 401	23 362
814	9.0	36 30.33	3.4403	0.0206	23 34 15.0	15.557	0.323	80.9	170 196	23 363
815	8.2	36 35.87	3.3898	0.0186	20 36 53.6	15.552	0.319	82.2	323 352 418	20 452
816	6.7	2 36 36.20	+3.4677	+0.0217	+25 6 19.9	+15.552	−0.326	82.3	337 403	25 441
817	9.1	36 50.31	3.3874	0.0185	20 27 5.5	15.539	0.319	82.1	323 352 401	20 453
818	9.0	37 10.91	3.3891	0.0186	20 31 0.3	15.520	0.320	82.0	345 352	20 454
819	8.6	37 32.57	3.4438	0.0207	23 39 17.2	15.500	0.325	80.1	30 32	23 366
820	8.1	37 41.72	3.3996	0.0189	21 5 2.5	15.491	0.322	81.0	176 193 202	20 455
821	8.9	2 37 46.81	+3.4300	+0.0201	+22 50 17.9	+15.487	−0.324	80.9	170 196	22 390
822	9.2	38 2.66	3.3962	0.0188	20 51 10.5	15.472	0.322	82.3	323 352 401 403	20 456
823	9.0	38 14.91	3.4503	0.0209	23 56 28.9	15.460	0.327	81.4	170 337	23 368
824	8.8	38 33.12	3.4585	0.0212	24 21 50.3	15.444	0.328	81.9	337 345	24 391
825	9.2	38 34.16	3.3848	0.0183	20 7 26.5	15.443	0.322	82.8	401	[20 457]
826	9.0	2 38 34.26	+3.4026	+0.0190	+21 10 20.0	+15.443	−0.323	80.1	24 28	21 372
827	8.0	38 43.35	3.3857	0.0183	20 9 51.5	15.434	0.322	81.4	176 193 202 415	20 458
828	8.3	38 57.34	3.4731	0.0217	25 7 36.2	15.421	0.330	81.0	22 337	25 449
829	8.4	39 59.16	3.4208	0.0195	22 4 39.6	15.363	0.327	80.1	24 28	21 374
830	7.1	40 5.81	3.4272	0.0198	22 26 6.6	15.357	0.328	81.6	170 196 416	22 392
831	9.2	2 40 12.28	+3.4283	+0.0198	+22 29 9.1	+15.351	−0.328	81.6	170 196 415	22 393
832	8.1	40 19.07	3.4396	0.0202	23 6 38.5	15.345	0.330	80.1	30 32	23 369
833	8.5	40 21.40	3.3996	0.0187	20 49 11.9	15.342	0.326	80.0	19 20	20 462
834	8.9	40 32.63	3.4590	0.0210	24 10 18.9	15.332	0.332	81.5	176 210 403	24 393
835	8.8	41 7.34	3.4162	0.0193	21 41 52.9	15.299	0.329	80.1	24 28	21 377
836	9.1	2 41 16.82	+3.3943	+0.0184	+20 25 10.6	+15.290	−0.327	81.5	193 202 403	20 465
837	8.0	41 17.90	3.4715	0.0214	24 46 22.6	15.289	0.334	81.3	22 323 337	24 394
838	5.8	41 30.06	3.4699	0.0213	24 39 54.2	15.278	0.334	81.4	22 337 345	24 396
839	8.3	41 30.24	3.4679	0.0212	24 33 15.9	15.278	0.334	81.4	176 204 337	24 395
840	9.1	41 50.26	3.4397	0.0201	22 57 18.0	15.259	0.332	81.7	176 352 358	22 398
841	8.8	2 42 2.72	+3.4011	+0.0186	+20 44 14.1	+15.247	−0.329	80.0	19 20	20 467
842	7.5	42 57.29	3.4756	0.0214	24 48 50.6	15.195	0.337	82.3	337 403	24 400
843	8.5	43 13.86	3.4460	0.0202	23 9 27.9	15.179	0.335	81.9	176 352 403	23 372
844	8.5	43 25.22	3.4184	0.0191	21 35 42.6	15.168	0.333	80.0	19 20	21 380
845	9.1	43 32.97	3.4582	0.0206	23 48 4.5	15.161	0.337	81.4	176 204 337	23 373
846	8.3	2 43 41.14	+3.4480	+0.0202	+23 13 23.8	+15.153	−0.336	81.5	32 352 424	23 375
847	8.9	44 43.64	3.4392	0.0198	22 37 46.6	15.093	0.337	81.2	170 196 352	22 401
848	9.0	44 56.08	3.4772	0.0212	24 40 58.7	15.081	0.341	80.8	22 204 210	24 405
849	9.1	45 19.44	3.4258	0.0192	21 49 15.9	15.059	0.336	80.1	19 20 24 28	21 385
850	8.9	46 35.44	3.4683	0.0207	24 1 37.5	14.985	0.343	81.0	170 196 210	23 378

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
851	8.9	2h 47m 14s.22	+3s.4568	+0s.0202	+23° 20' 10".2	+14".948	−0".343	81.3	30 32 358 424	23° 379
852	8.8	47 14.65	3.4713	0.0207	24 7 16.9	14.947	0.344	81.3	22 210 403	24 408
853	9.1	47 15.52	3.4560	0.0202	23 17 31.4	14.947	0.343	81.0	30 32 424	23 380
854	8.5	47 55.11	3.4171	0.0187	21 5 17.5	14.908	0.340	80.8	19 20 403	21 390
855	8.7	47 58.27	3.4029	0.0182	20 17 25.3	14.905	0.339	81.5	170 196 352 358	20 475
856	8.7	2 48 4.18	+3.4749	+0.0208	+24 13 40.8	+14.899	−0.346	81.2	22 210 424	24 410
857	8.7	48 18.65	3.4420	0.0196	22 25 30.6	14.885	0.343	81.2	5 170 352 358	22 405
858	8.7	48 28.30	3.4362	0.0193	22 5 42.9	14.876	0.343	80.9	24 28 403	22 406
859	8.8	48 33.65	3.4756	0.0208	24 12 41.3	14.870	0.347	80.9	22 210 337	24 412
860	9.1	48 34.79	3.4078	0.0183	20 30 26.3	14.869	0.340	80.4	19 20 176 204	20 476
861	8.6	2 49 37.48	+3.4169	+0.0186	+20 55 19.1	+14.808	−0.343	81.0	170 196 204 210	20 477
862	9.0	49 53.92	3.4314	0.0190	21 41 32.6	14.792	0.344	80.3	19 20 176	21 391
863	6.6	50 56.19	3.4054	0.0180	20 9 57.2	14.730	0.343	81.0	170 196 204 210	20 480
864	7.8	51 20.69	3.4700	0.0203	23 37 51.1	14.706	0.350	80.6	30 32 337	23 392
865	9.1	51 25.09	3.4165	0.0184	20 44 10.3	14.701	0.345	80.4	19 20 176 204	20 482
866	8.4	2 51 41.57	+3.4309	+0.0189	+21 30 8.2	+14.685	−0.347	80.0	5 24 28	21 396
867	6.9	51 43.35	3.4239	0.0186	21 6 57.9	14.683	0.346	80.7	24 28 358	21 397
868	8.8	51 56.85	3.4966	0.0212	24 57 52.3	14.670	0.354	80.9	22 210 337	24 418
869	5.9[1]	52 4.00	3.4194	0.0184	20 50 20.0	14.663	0.347	81.5	5 Beob.[2]	20 484
870	8.7	52 31.76	3.4236	0.0185	21 1 42.9	14.635	0.348	80.3	19 20 176	20 485
871	8.5	2 52 52.72	+3.4942	+0.0210	+24 44 47.4	+14.614	−0.355	81.3	22 210 403	24 419
872	7.8	53 23.76	3.4492	0.0193	22 19 47.7	14.583	0.352	81.2	170 196 204 352	22 416
873	9.0	53 27.98	3.4885	0.0207	24 23 21.3	14.579	0.356	81.2	170 196 337	24 421
874	8.7	53 28.83	3.4163	0.0182	20 32 31.3	14.578	0.348	80.8	19 20 403	20 488
875	9.4[3]	53 53.11	3.4153	0.0181	20 27 5.9	14.554	0.349	79.9	5	[20 489]
876	8.3	2 54 9.88	+3.4945	+0.0209	+24 37 48.7	+14.537	−0.357	81.5	176 210 337 358	24 423
877	9.2	54 13.83	3.4962	0.0209	24 42 43.9	14.533	0.358	81.6	22 424	[24 424]
878	8.8	54 15.32	3.4395	0.0189	21 43 49.4	14.531	0.352	80.9	24 28 403	21 400
879	9.0	54 19.89	3.4601	0.0196	22 49 27.9	14.527	0.354	81.2	170 196 204 352	22 419
880	9.0	54 20.40	3.4957	0.0209	24 40 22.5	14.526	0.358	81.2	22 210 424	24 425
881	9.1	2 54 50.50	+3.4382	+0.0188	+21 36 33.7	+14.496	−0.353	80.9	19 20 424	21 402
882	8.6	54 59.13	3.4634	0.0197	22 55 58.3	14.487	0.356	81.0	170 196 204	22 421
883	8.2	55 14.62	3.4439	0.0190	21 52 47.3	14.472	0.354	80.7	24 28 358	21 403
884	9.2	55 34.50	3.4180	0.0181	20 27 31.2	14.452	0.352	81.0	5 176 204 352	20 491
885	8.8	55 35.92	3.4715	0.0199	23 17 55.1	14.450	0.357	80.9	30 32 403	23 395
886	7.9	2 55 50.54	+3.4377	+0.0187	+21 29 38.1	+14.435	−0.354	80.8	19 20 403	21 405
887	8.3	55 51.70	3.4298	0.0184	21 4 17.3	14.434	0.354	81.3	176 210 358	20 492
888	8.7	55 54.37	3.4227	0.0182	20 40 49.5	14.432	0.353	81.7	176 352 358	20 493
889	7.3	56 13.94	3.4586	0.0194	22 34 7.4	14.412	0.357	81.3	170 196 352	22 425
890	9.0	56 49.67	3.4784	0.0200	23 32 30.2	14.375	0.360	80.9	30 32 403	23 399
891	7.4	2 57 5.02	+3.4302	+0.0184	+20 58 56.1	+14.360	−0.355	80.9	19 20 424	20 496
892	9.5[3]	57 14.68	3.4266	0.0182	20 46 43.2	14.350	0.355	79.9	5	[20 497]
893	8.5	57 24.83	3.4354	0.0185	21 14 2.8	14.340	0.356	80.9	24 28 424	21 407
894	9.1	57 56.08	3.4723	0.0197	23 7 31.7	14.308	0.361	81.0	30 32 424	23 401
895	5.5[4]	58 7.01	3.5048	0.0208	24 46 1.5	14.296	0.365	81.0	22 176 210 337	24 431
896	8.9	2 58 10.53	+3.4567	+0.0191	+22 17 31.5	+14.293	−0.360	81.3	170 196 352	22 430
897	7.9	58 21.00	3.4216	0.0180	20 24 54.5	14.282	0.357	81.8	176 204 418	20 501
898	9.1	58 22.20	3.4392	0.0185	21 21 5.3	14.281	0.359	80.1	19 20 24 28	21 408
899	7.9	58 26.79	3.4632	0.0193	22 36 23.1	14.276	0.361	81.3	170 196 352	22 431
900	9.0	58 37.50	3.5058	0.0208	24 45 59.1	14.265	0.365	81.5	176 210 337 358	24 432

[1] Dupl. 2" med. [2] Z. 170 196 204 352 424 [3] Gr. nach BD [4] Z. 210 obl.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
901	8.9	2^h 58^m $45^s.38$	+3.5096	+0.0209	+24° 56′ 41″.4	+14″.257	−0″.366	80.8	22 204 210	24° 433
902	8.5	58 58.38	3.4674	0.0194	22 46 32.7	14.244	0.362	81.3	170 196 358	22 433
903	8.5	59 3.79	3.4872	0.0201	23 47 8.9	14.238	0.364	80.9	30 32 403	23 403
904	8.8	59 15.44	3.4866	0.0201	23 44 7.7	14.226	0.365	80.9	30 32 403	23 404
905	8.8	59 29.47	3.4184	0.0178	20 9 16.9	14.212	0.358	81.4	176 204 352	20 505
906	9.5 [1]	2 59 36.40	+3.4317	+0.0182	+20 51 5.5	+14.205	−0.359	79.9	5	[20 506]
907	8.5 [2]	59 43.09	3.4230	0.0179	20 22 40.4	14.198	0.359	80.6	19 20 358	20 507
908	8.8	3 0 25.05	3.4566	0.0189	22 5 22.6	14.155	0.363	81.6	170 196 416	22 438
909	8.6	0 29.63	3.5155	0.0209	25 4 19.7	14.150	0.369	81.2	22 210 424	24 437
910	8.0	0 35.64	3.4786	0.0197	23 12 23.7	14.144	0.366	80.1	30 32	23 407
911	9.0	3 0 46.26	+3.4964	+0.0202	+24 5 35.8	+14.133	−0.368	81.4	176 204 337	24 438
912	9.1	0 54.65	3.4591	0.0190	22 10 39.8	14.124	0.364	80.9	19 20 424	22 441
913	9.0	0 57.51	3.4919	0.0201	23 50 53.2	14.121	0.368	81.6	170 196 415	23 409
914	8.5	1 19.28	3.5179	0.0209	25 6 41.9	14.099	0.371	80.6	22 210	25 497
915	8.1	1 30.38	3.5137	0.0208	24 53 25.5	14.087	0.371	81.0	22 337	24 441
916	9.1	3 1 38.15	+3.4326	+0.0181	+20 44 1.4	+14.079	−0.362	80.9	19 20 424	20 510
917	8.8	2 2.89	3.4244	0.0178	20 15 49.8	14.053	0.362	81.4	176 204 352	20 511
918	9.0	2 5.97	3.5073	0.0205	24 31 0.7	14.050	0.371	81.6	210 358	24 443
919	6.4	2 10.26	3.4249	0.0178	20 16 54.0	14.046	0.362	81.4	176 204 352	20 514
920	8.5	2 48.84	3.5020	0.0202	24 11 8.5	14.005	0.371	81.2	170 196 337	24 448
921	8.9	3 2 50.40	+3.5145	+0.0206	+24 48 15.3	+14.004	−0.373	80.6	22 210	24 449
922	7.4	2 54.40	3.4449	0.0183	21 16 9.3	13.999	0.366	80.9	19 20 424	21 413
923	9.1	3 0.93	3.4929	0.0199	23 42 36.3	13.993	0.371	81.0	30 32 337 358	23 413
924	8.1	3 3.45	3.4360	0.0180	20 47 39.4	13.990	0.365	81.6	204 352	20 516
925	9.1	3 5.89	3.4928	0.0199	23 42 5.7	13.987	0.371	82.9	403 418 424	23 414
926	7.3	3 3 27.72	+3.4486	+0.0184	+21 25 6.5	+13.965	−0.367	80.1	24 28	21 416
927	9.0	3 45.38	3.5020	0.0201	24 6 9.0	13.946	0.373	81.3	22 210 416	24 450
928	8.5	3 59.49	3.4597	0.0187	21 56 39.8	13.931	0.369	80.1	24 28	21 418
929	8.7	4 3.60	3.4343	0.0179	20 37 24.1	13.927	0.366	81.6	204 352	20 518
930	7.8	4 6.12	3.4550	0.0185	21 41 42.8	13.924	0.369	80.1	24 28	21 419
931	8.7	3 4 8.57	+3.4306	+0.0178	+20 25 32.8	+13.922	−0.366	82.1	352 358	20 519
932	8.9	4 26.20	3.4726	0.0191	22 33 44.0	13.903	0.371	83.0	415 418	[22 450]
933	8.7	4 26.45	3.4914	0.0197	23 30 46.2	13.903	0.373	82.0	337 358	23 417
934	9.3	4 31.41	3.4725	0.0191	22 33 0.0	13.898	0.371	82.6	358 418	22 451
935	9.1	5 4.63	3.4433	0.0181	21 0 34.3	13.863	0.369	81.4	176 204 352	20 521
936	8.6	3 5 9.62	+3.4707	+0.0189	+22 24 23.8	+13.858	−0.372	82.0	210 415	22 453
937	9.0	5 15.62	3.4488	0.0182	21 16 43.2	13.851	0.370	80.1	24 28	21 421
938	9.1	5 17.79	3.4970	0.0198	23 43 0.5	13.849	0.375	82.6	337 403 424	23 420
939	8.6	5 18.10	3.4843	0.0194	23 4 42.0	13.849	0.373	82.0	337 358	22 454
940	9.1	5 33.03	3.4524	0.0183	21 26 29.1	13.833	0.371	82.5	352 416	21 422
941	8.9	3 5 44.86	+3.4695	+0.0189	+22 17 53.2	+13.820	−0.373	81.6	170 196 424	22 455
942	8.6	5 46.48	3.5249	0.0206	25 2 38.7	13.819	0.378	80.6	22 210	24 451
943	8.9	5 52.44	3.4300	0.0176	20 15 37.9	13.812	0.369	81.5	169 178 424	20 522
944	8.5	6 2.02	3.4480	0.0181	21 10 29.1	13.802	0.371	81.4	169 178 204 416	21 426
945	9.4	6 20.55	3.5152	0.0202	24 30 59.7	13.783	0.378	81.3	22 176 337 358	24 452
946	8.5	3 6 36.33	+3.4608	+0.0185	+21 47 2.0	+13.766	−0.373	80.6	24 28 352	21 427
947	8.6	6 42.32	3.5011	0.0198	23 47 45.5	13.760	0.377	80.9	30 32 403	23 423
948	7.7	7 0.81	3.4753	0.0189	22 29 6.7	13.740	0.375	80.5 80.7	26a 35 170 196	22 457
949	8.6	7 29.19	3.5161	0.0202	24 27 39.4	13.710	0.380	80.6	9 33 337	24 454
950	5.0	7 43.11	3.4389	0.0177	20 34 46.1	13.695	0.372	81.5	170 196 204 424	20 527

[1] Gr. nach BD [2] Z.358 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
951	9.1	3^h 8^m $6^s.79$	$+3^s.5300$	$+0^s.0206$	+25° 4′ 35″.3	+13″.670	−0″.383	80.6	9 33 352	24° 456
952	8.9	8 18.07	3.4304	0.0174	20 5 35.2	13.658	0.372	80.9	169 176 178	20 528
953	9.0	8 18.39	3.4827	0.0190	22 44 53.3	13.657	0.378	80.4	5 Beob.[1]	22 461
954	9.1	8 19.04	3.4908	0.0193	23 8 55.2	13.657	0.379	80.9	30 32 403	23 424
955	8.4	8 19.57	3.5098	0.0199	24 4 42.0	13.656	0.381	81.5	176 210 337 358	24 457
956	8.2	3 8 33.95	+3.4425	+0.0178	+20 41 57.5	+13.641	−0.374	80.9	19 20 424	20 529
957	8.6	8 42.76	3.4338	0.0175	20 14 13.9	13.631	0.373	80.9	169 178 204	20 530
958	8.9	8 47.62	3.5069	0.0197	23 54 3.4	13.626	0.381	80.1	38 41	23 425
959	9.0	8 50.68	3.5283	0.0204	24 55 50.3	13.623	0.383	80.3	9 33 210	24 459
960	9.2	8 57.10	3.5292	0.0204	24 57 49.5	13.616	0.384	80.6	22 210	24 460
961	8.9	3 8 59.31	+3.4748	+0.0187	+22 17 51.9	+13.614	−0.378	80.1	24 26 28 35	22 463
962	8.9	9 12.90	3.5311	0.0205	25 2 1.9	13.599	0.384	81.2	22 337 352	24 461
963	9.0	9 18.86	3.4956	0.0193	23 18 0.8	13.593	0.381	80.9	30 32 403	23 427
964	8.4	9 37.92	3.5338	0.0205	25 7 30.4	13.572	0.385	80.3	9 33 210	25 521
965	7.9	9 40.09	3.4833	0.0189	22 39 58.3	13.570	0.380	81.3	170 196 352	22 465
966	8.7	3 9 41.13	+3.4774	+0.0187	+22 22 16.4	+13.569	−0.379	80.1	24 26 28 35	22 466
967	8.8	9 46.44	3.5019	0.0195	23 34 20.9	13.563	0.382	81.0	38 41 424	23 429
968	9.0	9 48.57	3.4928	0.0192	23 7 17.5	13.561	0.381	80.1	30 32	23 430
969	9.2	9 59.19	3.4804	0.0188	22 29 39.1	13.549	0.380	81.0	170 196 204	22 468
970	8.8	10 10.35	3.4672	0.0184	21 49 18.2	13.537	0.379	80.0	19 20	21 432
971	9.1	3 10 19.87	+3.5142	+0.0198	+24 7 16.6	+13.527	−0.384	81.6	22 337 403	24 463
972	7.9	10 33.29	3.4789	0.0187	22 22 22.0	13.513	0.381	80.0	5 Beob.[2]	22 469
973	8.0	10 42.51	3.5210	0.0200	24 25 9.2	13.503	0.385	81.0	9 33 352 358	24 464
974	9.3	11 0.51	3.5101	0.0196	23 51 55.1	13.483	0.385	81.0	38 41 424	23 435
975	7.4	11 0.59	3.5051	0.0194	23 37 22.9	13.483	0.384	80.1	30 32	23 436
976	8.8	3 11 30.43	+3.5005	+0.0193	+23 21 37.8	+13.451	−0.384	80.9	38 41 403	23 437
977	9.0	11 31.22	3.5054	0.0194	23 35 44.0	13.450	0.385	80.1	38 41	23 438
978	9.0	12 32.16	3.5074	0.0194	23 36 39.2	13.384	0.387	80.4	30 32 204	23 441
979	9.1	12 41.52	3.4600	0.0179	21 15 54.8	13.374	0.382	80.3	19 20 176	21 439
980	8.8	12 42.25	3.4559	0.0178	21 3 39.7	13.373	0.381	81.3	170 196 358	20 539
981	8.9	3 12 44.08	+3.4949	+0.0189	+22 59 7.0	+13.371	−0.386	81.0	38 41 424	22 472
982	6.5	13 1.15	3.5419	0.0204	25 12 38.5	13.352	0.391	80.8	9 33 403	25 536
983	9.1	13 1.58	3.5178	0.0196	24 4 10.9	13.352	0.389	81.2	22 210 424	23 443
984	8.1[3]	13 2.02	3.5005	0.0191	23 14 9.8	13.352	0.387	80.0	5 30 32	23 442
985	7.4	13 5.70	3.5183	0.0196	24 5 19.4	13.348	0.389	81.2	22 210 424	24 471
986	8.9	3 13 14.31	+3.4878	+0.0187	+22 36 2.0	+13.338	−0.386	80.5	26 35 170 196	22 473
987	8.9	13 24.26	3.4970	0.0189	23 2 8.3	13.327	0.387	80.4	30 32 204	22 474
988	8.6	13 28.02	3.4909	0.0188	22 43 49.7	13.323	0.386	80.7	35 170 196	22 475
989	9.2[4]	13 32.94	3.4600	0.0178	21 12 10.6	13.318	0.383	80.9	169 176	} 21 442
990	9.2[5]	13 32.97	3.4600	0.0178	21 12 10.1	13.318	0.383	81.1	24 28 352 358	
991	8.7	3 13 47.65	+3.4402	+0.0172	+20 11 37.5	+13.302	−0.381	80.9	169 178 204	20 541
992	5.2	14 0.79	3.4505	0.0175	20 41 41.0	13.287	0.383	81.8	170 352 424	20 543
993	9.0	14 16.26	3.4567	0.0177	20 59 11.6	13.271	0.384	80.3	19 20 176	20 544
994	8.6	14 21.32	3.4633	0.0179	21 18 21.4	13.265	0.385	80.1	24 28	21 443
995	9.3	14 48.31	3.5258	0.0197	24 18 2.4	13.235	0.392	80.8	9 33 403	24 472
996	9.3[6]	3 15 2.27	+3.5163	+0.0194	+23 49 48.4	+13.220	−0.391	79.9	5	[23 445]
997	9.2	15 10.09	3.5228	0.0195	24 7 55.8	13.212	0.392	80.7	22 176 210	24 475
998	8.5	15 13.52	3.5291	0.0197	24 25 29.2	13.208	0.393	81.0	9 33 337 358	24 476
999	8.6	15 14.50	3.4861	0.0184	22 21 35.5	13.207	0.388	80.5	26 35 170 196	22 479
1000	5.5	15 33.73	3.4447	0.0172	20 17 35.3	13.186	0.384	81.5	169 178 424	20 551

[1] Z. 5 26 35($\delta \frac{1}{2}$) 170 196 [2] Z. 5 24 26 28 35 [3] Com. $9^m.5$ 3″ [4] Dupl. med. [5] Dupl. maj. seq. [6] Gr. nach BD

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1001	8.5	3h 15m 37s.82	+3s.4644	+0s.0178	+21° 15′ 51″.8	+13″.181	−0″.386	80.0	19 20	21° 444
1002	8.8	15 57.34	3.4619	0.0177	21 7 9.7	13.160	0.387	80.4	24 28 204	21 446
1003	8.0	16 6.90	3.4501	0.0173	20 31 21.5	13.149	0.386	81.0	178 210	20 554
1004	9.0	16 54.37	3.5305	0.0196	24 21 6.6	13.097	0.396	80.3	9 33 204	24 480
1005	5.8	16 55.74	3.5290	0.0195	24 16 46.5	13.095	0.395	80.7	9 33 176 337	24 481
1006	9.1	3 16 59.63	+3.4842	+0.0182	+22 7 55.9	+13.091	−0.391	80.5	26 35 170 196	22 481
1007	9.3	17 7.78	3.5003	0.0187	22 54 7.2	13.082	0.393	80.8	5 Beob.[1]	22 482
1008	6.1	17 13.76	3.4484	0.0172	20 21 29.8	13.075	0.387	81.5	19 20 403 424	20 556
1009	7.1	17 18.73	3.4736	0.0179	21 35 44.6	13.070	0.390	80.1	24 28	21 447
1010	8.7	17 35.42	3.4789	0.0180	21 50 2.5	13.051	0.391	81.1	24 28 352 358	21 448
1011	9.0	3 17 37.02	+3.5455	+0.0200	+24 59 40.8	+13.050	−0.398	80.3	9 33 204	24 484
1012	8.0	18 0.63	3.4578	0.0174	20 46 14.4	13.023	0.389	80.0	5 19 20	20 558
1013	9.0	18 3.49	3.5297	0.0195	24 13 12.2	13.020	0.397	80.7	22 176 210	24 485
1014	9.5[2]	19 12.41	3.4601	0.0173	20 47 56.0	12.944	0.391	79.9	5	[20 566]
1015	8.2	19 23.56	3.4750	0.0177	21 30 36.5	12.931	0.393	80.9	24 28 424	21 459
1016	8.9	3 19 28.17	+3.4648	+0.0174	+21 0 38.5	+12.926	−0.392	81.0	170 196 210	20 568
1017	9.0	19 30.40	3.5467	0.0198	24 53 46.9	12.924	0.401	80.6	9 33 352	24 488
1018	9.3	19 31.57	3.5024	0.0185	22 49 15.3	12.922	0.396	80.8	35 170 176 210	22 489
1019	8.5	19 35.83	3.5358	0.0195	24 23 4.6	12.918	0.400	80.8	9 33 403	24 490
1020	9.1	19 38.10	3.5041	0.0185	22 53 36.3	12.915	0.397	80.5	26 35 170 196	22 490
1021	8.1	3 20 27.81	+3.5235	+0.0190	+23 44 43.1	+12.860	−0.400	80.1	30 32	23 456
1022	8.3	20 37.93	3.4558	0.0171	20 29 17.8	12.848	0.392	81.5	169 178 424	20 572
1023	8.4	21 6.21	3.4798	0.0177	21 37 22.1	12.816	0.396	80.1	24 28	21 465
1024	6.2	21 8.27	3.4955	0.0181	22 22 16.7	12.814	0.398	80.5	26 35 170 196	22 495
1025	7.8	21 35.46	3.4510	0.0169	20 11 20.5	12.784	0.393	80.9	169 178	20 573
1026	9.1	3 21 58.93	+3.5581	+0.0199	+25 13 9.0	+12.757	−0.406	80.7	22 176 210	25 555
1027	8.9	22 0.13	3.5139	0.0186	23 10 37.8	12.756	0.401	80.5	30 32 170 196	23 457
1028	9.2	22 14.20	3.4620	0.0171	20 40 46.6	12.740	0.395	81.2	169 178 360	20 574
1029	9.0	22 41.34	3.4934	0.0179	22 9 25.5	12.710	0.400	80.3	26 35 170	22 498
1030	8.5	22 43.10	3.5275	0.0189	23 45 30.0	12.707	0.403	81.0	30 32 424	23 459
1031	9.1	3 22 49.57	+3.5341	+0.0191	+24 3 17.8	+12.700	−0.404	80.6	22 210	23 460
1032	9.2	22 59.86	3.4908	0.0178	22 0 41.6	12.689	0.400	80.1	24 28	21 469
1033	9.4	23 18.72	3.5354	0.0190	24 4 37.5	12.667	0.405	80.5	9 33 170 196	24 501
1034	9.2	23 19.03	3.4771	0.0174	21 20 16.4	12.667	0.399	80.7	7 14 169 404	21 471
1035	9.0	23 44.07	3.5515	0.0195	24 47 5.6	12.639	0.408	82.0	337 358	24 502
1036	8.4	3 23 50.27	+3.5527	+0.0195	+24 49 38.7	+12.632	−0.408	81.0	9 33 176 424	24 503
1037	8.6	24 2.97	3.4576	0.0168	20 20 42.7	12.617	0.397	81.0	178 210	20 578
1038	9.0	24 5.55	3.4790	0.0173	21 22 16.7	12.614	0.400	80.0	7	[21 473]
1039	8.6	24 11.93	3.4796	0.0174	21 23 41.1	12.607	0.400	80.5	14 210	21 474
1040	9.1	24 13.14	3.4940	0.0178	22 4 38.1	12.606	0.402	80.4	26 35 196	22 499
1041	8.4	3 24 20.77	+3.5185	+0.0184	+23 13 10.4	+12.597	−0.405	80.7	30 32 358	23 462
1042	7.6	24 38.89	3.5190	0.0184	23 13 10.8	12.576	0.405	80.1	30 32	23 463
1043	8.8	25 27.16	3.5213	0.0184	23 16 3.3	12.521	0.406	80.4	38 41 204	23 465
1044	9.0	26 1.89	3.5178	0.0183	23 3 54.7	12.482	0.407	80.1	30 32	23 466
1045	7.4	26 2.89	3.5153	0.0182	22 56 40.9	12.481	0.407	80.5	26 35 170 196	22 504
1046	8.0	3 26 5.82	+3.5157	+0.0182	+22 57 39.3	+12.477	−0.407	80.7	26 170 196	22 505
1047	9.0	26 20.38	3.5261	0.0185	23 25 28.8	12.461	0.408	80.6	38 41 341	23 467
1048	7.6	26 29.46	3.5260	0.0184	23 24 29.0	12.450	0.409	80.7	30 32 362	23 469
1049	8.7	26 29.91	3.5349	0.0187	23 49 12.7	12.450	0.410	81.0	176 184 189	23 470
1050	8.9	26 40.89	3.5367	0.0187	23 53 10.4	12.437	0.410	80.5	38 41 189 204	23 471

[1] Z. 26 35 170 196 358 [2] Gr. nach BD

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1051	9.2	3h 26m 43s.54	+3s.5376	+0s.0187	+23° 55' 23".7	+12".434	−0".410	81.6	184 358 365	23° 472
1052	8.9	26 45.42	3.5430	0.0189	24 10 11.0	12.432	0.411	80.6	9 33 341	24 506
1053	8.9	26 52.37	3.4816	0.0172	21 18 24.3	12.424	0.404	80.4	7 14 169 178	21 484
1054	8.8	26 56.67	3.5086	0.0179	22 34 13.7	12.419	0.407	81.3	170 196 360	22 506
1055	9.3	26 59.96	3.5120	0.0180	22 43 42.0	12.416	0.408	81.7	210 358 362	22 507
1056	8.8	3 27 1.58	+3.4987	+0.0176	+22 6 17.2	+12.414	−0.406	80.7	24 28 360	22 509
1057	6.0 [1]	27 2.57	3.5407	0.0188	24 2 36.4	12.413	0.411	81.3	22 210 337 358	23 473
1058	8.5	27 10.86	3.5039	0.0178	22 20 17.1	12.403	0.407	80.7	24 28 365	22 510
1059	8.9	27 12.41	3.5273	0.0184	23 25 6.1	12.401	0.410	80.7	38 41 367	23 474
1060	8.6	27 34.35	3.5119	0.0179	22 40 48.6	12.376	0.408	80.3	26 35 170	22 511
1061	8.8	3 27 37.00	+3.5213	+0.0182	+23 6 39.5	+12.373	−0.410	80.7	30 32 367	23 477
1062	8.7	27 42.72	3.4678	0.0167	20 35 50.9	12.366	0.404	80.7	19 20 365	20 596
1063	8.9	28 35.82	3.5029	0.0176	22 11 33.3	12.305	0.409	80.1	24 26 28 35	22 514
1064	8.7	28 37.23	3.5312	0.0184	23 29 46.3	12.304	0.412	81.0	170 184 189 196	23 479
1065	9.1	28 52.49	3.5646	0.0193	24 58 55.2	12.286	0.416	80.8	9 33 337 341	24 512
1066	8.5 [2]	3 29 5.82	+3.5295	+0.0183	+23 23 1.6	+12.271	−0.412	80.7	38 41 362	23 481
1067	8.6	29 6.58	3.5320	0.0183	23 29 45.9	12.270	0.413	80.7	30 32 365	23 482
1068	9.1	29 12.64	3.5106	0.0177	22 30 33.5	12.263	0.410	81.5	184 189 403	22 516
1069	8.8	29 13.27	3.4860	0.0171	21 21 47.3	12.262	0.408	80.4	7 14 169 178	21 487
1070	9.7	29 33.74	3.5077	0.0176	22 21 9.7	12.239	0.411	81.7	24 204 362 404	22 517
1071	7.0	3 29 37.13	+3.5174	+0.0179	+22 47 45.1	+12.235	−0.412	80.7	38 41 365	22 518
1072	8.7	29 38.58	3.5052	0.0175	22 13 51.3	12.233	0.410	80.5	26 35 170 196	22 519
1073	8.6	29 53.77	3.5486	0.0187	24 11 33.4	12.215	0.416	80.3	9 33 211	24 520
1074	8.8	30 5.17	3.4996	0.0174	21 56 16.2	12.202	0.410	80.6	19 20 358	21 489
1075	9.0	30 17.74	3.4783	0.0168	20 55 47.9	12.188	0.408	80.4	7 14 169 178	20 598
1076	7.9	3 30 19.25	+3.5416	+0.0185	+23 50 48.6	+12.186	−0.415	80.9	30 32 403	23 483
1077	9.1	30 39.02	3.4866	0.0170	21 17 47.6	12.163	0.409	80.5	5 Beob. [3]	21 490
1078	9.1	31 3.09	3.5042	0.0174	22 5 19.6	12.135	0.412	80.1	24 26 28 35	22 521
1079	8.3	31 10.70	3.5506	0.0186	24 11 25.8	12.126	0.418	80.7	22 184 189	24 523
1080	9.0	31 12.73	3.5697	0.0191	25 2 23.9	12.124	0.420	80.6	9 33 204 211	24 524
1081	7.0	3 31 20.74	+3.5081	+0.0174	+22 14 58.0	+12.115	−0.413	80.7	38 41 358	22 523
1082	8.8	31 40.46	3.5639	0.0189	24 44 48.2	12.092	0.420	80.3	9 33 204	24 526
1083	7.5	31 40.93	3.5537	0.0186	24 17 37.7	12.091	0.419	80.7	22 184 189	24 527
1084	6.9	31 44.94	3.4713	0.0165	20 30 22.3	12.086	0.409	81.3	19 20 358 424	20 602
1085	7.8	31 55.39	3.4913	0.0169	21 26 3.8	12.074	0.412	81.0	7 14 176 424	21 492
1086	8.9	3 32 10.45	+3.4807	+0.0166	+20 55 14.8	+12.057	−0.411	81.0	170 196 204 210	20 604
1087	8.0	32 12.52	3.5133	0.0175	22 25 51.3	12.054	0.415	80.5	5 Beob. [4]	22 526
1088	8.5	32 23.87	3.5660	0.0189	24 47 14.1	12.041	0.421	80.3	9 33 211	24 528
1089	8.8	33 1.62	3.5065	0.0172	22 3 46.7	11.997	0.415	80.7	24 28 360	21 496
1090	8.7	33 2.84	3.5036	0.0172	21 55 44.9	11.996	0.415	80.2	7 14 176	21 495
1091	7.5	3 33 5.16	+3.4835	+0.0166	+20 59 53.5	+11.993	−0.412	80.6	19 20 341	20 607
1092	6.5	33 18.49	3.5705	0.0189	24 55 24.0	11.977	0.423	80.9	22 210 337	24 529
1093	9.0	33 29.89	3.5739	0.0190	25 3 32.6	11.964	0.423	81.0	9 33 337 358	24 530
1094	8.9	33 46.35	3.5614	0.0186	24 29 15.4	11.945	0.422	81.1	22 210 365	24 532
1095	9.1	33 49.87	3.4687	0.0162	20 15 30.5	11.941	0.411	81.2	169 178 362	20 608
1096	7.9	3 33 51.07	+3.5641	+0.0187	+24 36 8.1	+11.939	−0.423	81.0	170 196 204 210	24 533
1097	8.8	34 0.21	3.5303	0.0177	23 5 0.0	11.928	0.419	80.5	30 32 184 189	23 489
1098	9.1	34 6.65	3.5374	0.0179	23 23 52.2	11.921	0.420	80.7	30 32 365	23 491
1099	8.1	34 13.49	3.5730	0.0189	24 57 58.3	11.913	0.424	81.0	5 Beob. [5]	24 534
1100	8.8	34 43.59	3.5175	0.0173	22 27 24.1	11.878	0.418	80.1	24 26 28 35	22 531

[1] Dupl. maj. [2] Z. 362 dupl.?? [3] Z. 7 14 169 176 178 [4] Z. 24 26 28 35 367 [5] Z. 9 33 204 337 360

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1101	7.7	3h 34m 54s.97	+3s.5162	+0s.0173	+22° 23′ 10″.1	+11″.864	−0″.419	80.7	38 41 362	22° 532
1102	9.2	35 6.64	3.4878	0.0166	21 4 21.7	11.850	0.415	80.6	19 20 341	21 504
1103	8.1	35 24.45	3.4840	0.0164	20 52 47.4	11.829	0.415	80.4	7 14 169 178	20 616
1104	9.0	35 29.23	3.5551	0.0182	24 5 36.0	11.824	0.424	81.0	170 184 189 196	24 536
1105	8.6[1]	36 8.21	3.5168	0.0172	22 20 11.4	11.778	0.420	81.0	170 196 204 210	22 535
1106	7.9	3 36 15.43	+3.5697	+0.0185	+24 40 59.1	+11.769	−0.427	81.0	170 196 211	24 537
1107	8.3	36 17.54	3.5537	0.0181	23 58 36.6	11.767	0.425	80.1	38 41	23 495
1108	8.1	36 17.91	3.5374	0.0177	23 15 4.6	11.766	0.423	80.7	30 32 365	23 496
1109	9.0	36 19.39	3.5362	0.0177	23 11 49.5	11.765	0.423	80.6	32 211	23 497
1110	8.3	36 21.79	3.4732	0.0161	20 19 5.3	11.762	0.415	81.5	169 178 408	20 618
1111	9.1	3 36 22.20	+3.5742	+0.0186	+24 52 15.3	+11.761	−0.427	82.0	337 358	24 539
1112	8.5	36 33.97	3.5583	0.0182	24 9 35.8	11.747	0.426	81.5	176 210 341 362	24 540
1113	9.2	36 34.47	3.5431	0.0178	23 29 8.4	11.747	0.424	80.1	38 41	23 499
1114	8.7	36 53.13	3.5660	0.0184	24 28 38.4	11.725	0.427	81.3	170 196 367	24 543
1115	8.8	36 58.39	3.5493	0.0179	23 44 11.3	11.719	0.425	81.0	184 189	23 503
1116	8.5	3 36 59.79	+3.5553	+0.0181	+23 59 56.0	+11.717	−0.426	81.5	176 210 405	23 504
1117	8.9	37 7.02	3.4696	0.0159	20 6 16.3	11.708	0.416	81.4	169 178 407	20 620
1118	5.2	37 11.94	3.4789	0.0161	20 31 55.8	11.703	0.417	80.0	19 20	20 621
1119	5.7	37 22.51	3.5535	0.0180	23 53 39.9	11.690	0.426	81.0	184 189	23 505
1120	9.2	37 24.83	3.5377	0.0176	23 11 37.0	11.687	0.424	80.9	30 32 407	23 506
1121	**4.1**	**3 37 27.31**	**+3.5496**	**+0.0179**	**+23 43 6.6**	**+11.684**	**−0.426**		**Fund. Cat.**	**23 507**
1122	8.8	37 28.49	3.5307	0.0174	22 52 26.6	11.683	0.424	81.9	204 352 409	22 537
1123	8.4	37 29.04	3.4754	0.0160	20 21 10.0	11.682	0.417	80.9	169 178	20 622
1124	9.0	37 39.67	3.5036	0.0167	21 38 16.2	11.670	0.421	80.0	19 20	21 514
1125	8.8[2]	37 40.40	3.5188	0.0171	22 19 33.9	11.669	0.422	82.4	341 360 404 411	22 538
1126	8.7	3 37 40.92	+3.5534	+0.0179	+23 52 9.2	+11.668	−0.426	81.0	38 41 424	23 508
1127	8.7	37 41.24	3.5407	0.0176	23 18 29.9	11.668	0.425	82.1	362 367	23 509
1128	5.0	37 42.38	3.5665	0.0183	24 26 41.8	11.666	0.428	81.5	170 196 407	24 546
1129	4.5	37 46.18	3.5582	0.0180	24 4 23.7	11.662	0.427	81.6	210 358	24 547
1130	9.3	37 47.17	3.5095	0.0168	21 53 58.1	11.661	0.421	82.5	365 408	21 515
1131	9.1	3 37 51.15	+3.5280	+0.0173	+22 43 48.1	+11.656	0.424	82.4	362 404	22 540
1132	8.8	37 53.20	3.5687	0.0183	24 31 41.7	11.654	0.429	82.0	211 405	24 548
1133	8.5	38 0.34	3.5300	0.0173	22 48 40.9	11.645	0.424	81.6	204 352	22 541
1134	8.1	38 1.07	3.5487	0.0178	23 38 29.8	11.644	0.426	80.1	30 32	23 510
1135	8.5	38 3.30	3.5849	0.0187	25 13 1.6	11.642	0.431	82.5	362 408	25 607
1136	8.6	3 38 8.12	+3.5586	+0.0180	+24 4 12.6	+11.636	−0.428	82.1	358 367	24 550
1137	9.3	38 10.22	3.5501	0.0178	23 41 24.0	11.633	0.427	81.6	192 194 409	23 511
1138	7.3	38 11.79	3.5558	0.0179	23 56 33.5	11.632	0.427	80.7	38 184 189	23 512
1139	7.8	38 14.73	3.4872	0.0162	20 51 13.7	11.628	0.419	80.0	19 20	20 624
1140	8.9	38 15.55	3.5549	0.0179	23 53 44.9	11.627	0.427	80.7	41 184 189	23 513
1141	8.0	3 38 18.57	+3.5191	+0.0170	+22 18 5.6	+11.624	−0.423	82.0	341 360	22 544
1142	4	38 23.46	3.5569	0.0180	23 58 30.9	11.618	0.428	82.8	408	23 516
1143	7.0	38 26.21	3.5294	0.0173	22 45 16.6	11.614	0.425	81.6	204 352	22 545
1144	8.0	38 26.45	3.5495	0.0178	23 38 46.9	11.614	0.427	80.7	32 192 194	23 517
1145	6.0	38 27.79	3.5612	0.0181	24 9 43.8	11.613	0.428	81.7	170 358 367	24 553
1146	8.3	3 38 30.02	+3.5807	+0.0185	+25 0 22.9	+11.610	−0.431	81.6	211 365	24 554
1147	7.2	38 36.29	3.5609	0.0180	24 8 9.4	11.602	0.429	81.9	196 358 411	24 556
1148	9.0	38 46.59	3.5044	0.0166	21 36 35.6	11.590	0.422	81.5	19 212 405	21 519
1149	8.2	38 48.07	3.5536	0.0178	23 48 14.3	11.588	0.428	81.5	176 362	23 519
1150	8.7	38 50.03	3.5295	0.0172	22 44 14.0	11.586	0.425	82.0	210 405	22 549

[1] Dupl. 2″ med. [2] Dupl. 2″ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1151	8.4	3h 38m 50s.37	+3s.5535	+0s.0178	+23° 47′ 54″.3	+11″.586	−0″.428	82.0	30 404 424[1]	23° 520
1152	4.5	38 54.53	3.5481	0.0177	23 33 25.3	11.581	0.428	81.0	192 194	23 522
1153	7.4	39 1.39	3.5553	0.0178	23 51 50.7	11.573	0.429	80.1	38 41	23 523
1154	8.5	39 10.13	3.5412	0.0175	23 14 0.8	11.562	0.427	81.1	206 212	23 524
1155	9.0	39 13.82	3.5521	0.0177	23 42 46.0	11.558	0.428	82.5	365 404	23 526
1156	9.2	3 39 15.11	+3.4805	+0.0160	+20 29 10.9	+11.556	−0.420	81.5	169 178 427,1	20 628
1157	9.0	39 16.25	3.5255	0.0171	22 31 45.3	11.555	0.425	82.0	341 360	22 550
1158	9.3	39 27.57	3.5329	0.0172	22 50 56.7	11.541	0.426	82.5	367 411	[22 553]
1159	9.3	39 29.38	3.5323	0.0172	22 49 9.9	11.539	0.426	82.5	204 424 427,1	22 554
1160	7.0	39 32.65	3.5621	0.0180	24 7 50.0	11.535	0.430	81.6	170 196 424	24 562
1161	8.4	3 39 35.90	+3.5691	+0.0181	+24 25 49.5	+11.531	−0.431	81.6	211 358	24 563
1162	8.4	39 38.93	3.5503	0.0176	23 36 20.9	11.528	0.429	81.0	192 194	23 528
1163	9.0	39 45.52	3.5456	0.0175	23 23 30.2	11.520	0.428	82.2	341 362 411	23 530
1164	8.3	39 50.84	3.5537	0.0177	23 44 21.6	11.514	0.429	81.0	184 189	23 531
1165	9.5	39 51.90	3.5466	0.0175	23 25 42.7	11.512	0.429	82.9	405 409 427,1	23 533
1166	7.8	3 39 53.08	+3.5446	+0.0175	+23 20 14.4	+11.511	−0.428	81.6	206 212 411	23 535
1167	8.2	39 53.62	3.5540	0.0177	23 45 0.8	11.510	0.429	80.7	30 184 189	23 534
1168	6.8	39 55.38	3.5535	0.0177	23 43 38.6	11.508	0.429	80.7	32 184 189	23 536
1169	8.0	39 56.22	3.5464	0.0175	23 24 52.9	11.507	0.429	81.7	176 341 365	23 537
1170	7.5	39 56.99	3.5643	0.0180	24 11 59.3	11.506	0.431	81.8	170 408	24 566
1171	7.8	3 39 59.32	+3.5490	+0.0176	+23 31 34.2	+11.503	−0.429	81.6	192 194 424	23 538
1172	8.4	39 59.52	3.5660	0.0180	24 16 7.7	11.503	0.431	82.5	367 407	24 567
1173	8.4	40 0.63	3.5266	0.0170	22 32 1.0	11.502	0.426	81.6	210 360	22 556
1174	8.4	40 2.42	3.5437	0.0174	23 17 23.6	11.500	0.428	82.5	365 404	23 539
1175	8.8	40 2.60	3.5034	0.0165	21 29 15.1	11.500	0.424	80.0	19 20	21 523
1176	7.0	3 40 3.30	+3.5576	+0.0178	+23 54 0.3	+11.499	−0.430	80.1	38 41	23 540
1177	**3.0**	**40 3.39**	**3.5534**	**0.0177**	**23 43 0.6**	**11.499**	**0.430**		**Fund. Cat.**	**23 541**
1178	8.5	40 12.41	3.5424	0.0174	23 13 18.1	11.488	0.428	82.5	365 408	23 542
1179	8.1	40 17.44	3.5833	0.0184	24 59 53.1	11.482	0.433	82.8	405 409	24 568
1180	8.6	40 18.23	3.5410	0.0173	23 9 19.1	11.481	0.428	82.5	360 408 409	23 544
1181	7.1	3 40 38.62	+3.5746	+0.0181	+24 36 3.5	+11.456	−0.433	81.6	211 358	24 571
1182	9.1	40 41.35	3.5553	0.0176	23 45 18.4	11.453	0.431	80.1	30 32	23 548
1183	8.3	40 47.19	3.5594	0.0177	23 55 55.1	11.446	0.431	80.1	38 41	23 549
1184	8.2	40 52.94	3.4925	0.0161	20 56 28.7	11.439	0.423	80.9	169 178	20 637
1185	8.4[2]	40 56.61	3.5158	0.0166	21 59 28.1	11.435	0.426	81.9	210 362 411	21 526
1186	6.3	3 40 56.97	+3.5392	+0.0172	+23 2 6.2	+11.434	−0.429	81.9	176 341 407	22 563
1187	8.0	41 3.57	3.5605	0.0177	23 57 35.2	11.427	0.432	81.6	170 196 424	23 553
1188	8.6	41 8.72	3.5569	0.0176	23 47 44.1	11.420	0.431	81.0	192 194	23 554
1189	9.0	41 10.02	3.5032	0.0163	21 24 40.1	11.419	0.425	80.0	19 20	21 528
1190	8.4	41 19.70	3.5063	0.0164	21 32 23.6	11.407	0.426	82.3	362 367 407	21 530
1191	8.5	3 41 20.46	+3.5362	+0.0171	+22 52 29.0	+11.406	−0.429	81.6	204 352	22 565
1192	7.2	41 31.49	3.5500	0.0174	23 28 22.6	11.393	0.431	82.4	358 404	23 556
1193	8.4-	41 32.70	3.5261	0.0168	22 24 47.7	11.392	0.428	82.1	352 360	22 566
1194	8.3	41 42.46	3.4938	0.0161	20 57 22.4	11.380	0.425	81.4	169 178 405	20 638
1195	**4.0**	**41 43.93**	**3.5548**	**0.0175**	**23 40 9.4**	**11.378**	**0.432**		**Fund. Cat.**	**23 557**
1196	5.0	3 41 45.17	+3.5568	+0.0176	+23 45 8.9	+11.377	−0.432	80.1	30 32	23 558
1197	8.7	41 46.84	3.5511	0.0174	23 30 10.3	11.375	0.431	81.4	358 404	23 559
1198	8.9	41 47.43	3.5370	0.0171	22 52 54.5	11.374	0.430	82.8	407 408	22 567
1199	8.8	41 48.59	3.5402	0.0172	23 1 19.6	11.373	0.430	82.0	5 Beob.[3]	22 568
1200	8.3	41 49.57	3.5222	0.0167	22 13 31.7	11.371	0.428	81.6	210 360	22 569

[1] Alle Beob. in Lage O. [2] Z. 362 dupl.? [3] Z. 204 341 352 365 409

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1201	8.3	$3^h\ 41^m\ 49^s.98$	$+3^s.5628$	$+0^s.0177$	+24° 0′ 44″.3	+11″.371	−0″.433	82.0	170 196 411 424	23° 560
1202	6.5	41 54.92	3.5626	0.0177	23 59 50.4	11.365	0.433	80.9	170 196	23 561
1203	8.2	41 59.55	3.5597	0.0176	23 51 51.3	11.359	0.433	80.1	38 41	23 562
1204	8.8	42 8.79	3.5401	0.0171	22 59 50.0	11.348	0.431	81.7	204 341 362	22 570
1205	7.3	42 16.67	3.5211	0.0167	22 9 1.8	11.339	0.429	81.0	192 194	22 572
1206	8.5	3 42 17.13	+3.5394	+0.0171	+22 57 31.1	+11.338	−0.431	82.0	176 367 405	22 573
1207	7.2	42 18.62	3.5479	0.0173	23 19 44.7	11.336	0.432	81.1	206 212	23 563
1208	9.0	42 19.65	3.5601	0.0176	23 51 42.2	11.335	0.433	81.5	184 189 409	23 564
1209	8.8	42 28.45	3.5597	0.0176	23 50 5.2	11.325	0.433	81.5	184 189 409	23 565
1210	7.8	42 29.78	3.5628	0.0176	23 58 0.4	11.323	0.434	80.1	38 41	23 567
1211	8.6	3 42 29.83	+3.4909	+0.0159	+20 46 35.6	+11.323	−0.425	81.5	169 365	20 643
1212	6.8	42 32.70	3.5513	0.0174	23 27 59.5	11.320	0.432	80.5	30 32 184 189	23 569
1213	5.8	42 34.31	3.5151	0.0165	21 51 44.1	11.318	0.428	80.0	19 20	21 535
1214	8.0	42 40.53	3.5230	0.0167	22 12 37.2	11.310	0.429	80.9	26 35 407	22 575
1215	9.0	42 48.06	3.5706	0.0178	24 17 3.5	11.301	0.435	80.8	9 33 404	24 577
1216	6.2	3 42 48.20	+3.5920	+0.0183	+25 12 0.1	+11.301	−0.438	81.6	211 358	25 624
1217	8.7[1]	42 57.93	3.5253	0.0167	22 17 46.6	11.289	0.430	82.0	210 360 408	22 576
1218	8.1	43 0.72	3.5669	0.0177	24 6 49.9	11.286	0.435	81.5	170 196 411	24 578
1219	9.1	43 9.05	3.5161	0.0164	21 52 26.6	11.276	0.429	80.6	19 204	21 537
1220	9.3	43 9.52	3.4870	0.0158	20 33 48.5	11.275	0.425	82.0	169 362 424	20 644
1221	7.5	3 43 26.60	+3.5553	+0.0173	+23 34 53.9	+11.255	−0.434	80.6	38 41 341	23 570
1222	9.1	43 37.46	3.5892	0.0182	25 1 42.6	11.241	0.438	80.8	9 33 404	24 580
1223	9.0	43 38.64	3.5433	0.0170	23 2 52.2	11.240	0.433	80.5	30 32 184 189	22 579
1224	9.1	43 43.84	3.4877	0.0157	20 33 50.5	11.234	0.426	81.2	169 178 367	20 647
1225	8.0	43 56.07	3.5839	0.0180	24 46 59.8	11.219	0.438	81.0	176 206 211	24 583
1226	8.8	3 43 59.65	+3.5690	+0.0176	+24 8 25.1	+11.215	−0.436	81.0	170 196 212	24 584
1227	8.9	44 11.41	3.5395	0.0169	22 50 55.1	11.200	0.433	80.1	26 35 38 41	22 582
1228	7.6	44 16.21	3.5126	0.0163	21 39 10.3	11.195	0.430	81.2	7 14 405 411	21 539
1229	9.0	44 23.34	3.5187	0.0164	21 55 3.4	11.186	0.431	80.0	7 19 20	21 541
1230	8.4	44 31.00	3.5890	0.0181	24 57 46.2	11.177	0.439	81.8	176 358 367	24 586
1231	8.1	3 44 41.63	+3.5278	+0.0166	+22 18 16.6	+11.164	−0.432	80.4	26 35 204	22 583
1232	7.6	44 42.97	3.5852	0.0179	24 47 25.7	11.162	0.439	80.3	9 33 211	24 587
1233	8.8	45 25.06	3.5757	0.0176	24 20 28.3	11.111	0.439	81.0	192 194	24 589
1234	8.9	45 31.40	3.5917	0.0180	25 0 54.7	11.103	0.441	80.8	9 33 404	24 590
1235	8.6	45 36.65	3.5953	0.0181	25 9 36.9	11.097	0.442	81.6	210 358	25 637
1236	8.5	3 45 57.44	+3.5396	+0.0167	+22 44 54.4	+11.072	−0.435	80.9	26 35 405	22 588
1237	9.3	45 59.87	3.5737	0.0175	24 13 13.2	11.069	0.439	82.0	341 362	24 591
1238	9.1	46 6.79	3.5882	0.0178	24 49 34.0	11.060	0.441	81.6	211 358	24 592
1239	8.9	46 30.88	3.5406	0.0167	22 45 23.7	11.031	0.436	81.0	26 35 341 362	22 591
1240	8.6	46 33.45	3.5053	0.0159	21 11 57.6	11.028	0.432	81.6	7 176 404 405	21 549
1241	9.1	3 46 40.48	+3.4836	+0.0154	+20 13 7.7	+11.019	−0.429	80.9	169 178	20 654
1242	7.8	46 41.60	3.5139	0.0160	21 34 19.5	11.018	0.433	80.9	7 176 362	21 550
1243	9.1	46 44.67	3.5743	0.0174	24 11 51.8	11.014	0.440	80.6	9 33 358	24 593
1244	8.3	47 20.40	3.5434	0.0166	22 49 49.6	10.971	0.437	80.6	26 35 206 212	22 594
1245	8.9	47 35.47	3.5612	0.0170	23 35 13.4	10.952	0.440	80.1	30 32	23 584
1246	8.4	3 47 37.79	+3.5883	+0.0177	+24 44 8.9	+10.949	−0.443	80.6	9 33 362	24 595
1247	9.1	47 40.27	3.4913	0.0154	20 30 41.7	10.946	0.431	80.9	169 178 204	20 660
1248	8.6	47 54.08	3.5478	0.0167	22 59 26.8	10.930	0.439	81.5	170 196 405	22 596
1249	8.9	48 21.79	3.5594	0.0169	23 27 37.8	10.896	0.441	80.1	30 32	23 586
1250	8.4	48 35.06	3.5124	0.0158	21 24 0.4	10.879	0.435	81.0	7 14 204 424	21 555

[1] Dupl. 1″-2″ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1251	8.8	3h 48m 37s.23	+3s.5435	+0s.0165	+22° 45' 32".9	+10".877	−0".439	80.5	26 35 170 196	22° 599
1252	9.0	48 42.17	3.5230	0.0160	21 51 38.5	10.871	0.436	81.4	7 176 341 405	21 556
1253	8.4	48 48.96	3.4903	0.0153	20 24 15.1	10.862	0.433	81.5	169 178 411	20 664
1254	8.5	49 3.67	3.5446	0.0165	22 47 5.1	10.844	0.439	81.0	184 189	22 601
1255	7.9	49 4.30	3.5338	0.0162	22 18 54.7	10.844	0.438	81.0	192 194	22 602
1256	8.6	3 49 11.84	+3.5551	+0.0167	+23 13 45.0	+10.834	−0.441	80.9	30 32 411	23 589
1257	9.2	49 18.56	3.5176	0.0158	21 35 34.1	10.826	0.437	80.0	14	[21 558]
1258	6.8	49 29.05	3.5298	0.0161	22 6 57.1	10.813	0.438	81.6	210 358	22 605
1259	8.6	49 30.68	3.5353	0.0162	22 21 13.5	10.811	0.439	81.5	192 194 404	22 606
1260	8.9	49 35.94	3.5170	0.0158	21 32 50.6	10.805	0.437	81.4	7 176 341 424	21 560
1261	6.6	3 49 39.27	+3.5460	+0.0165	+22 48 38.0	+10.801	−0.440	80.5	26 35 184 189	22 607
1262	7.8	49 41.05	3.5956	0.0176	24 55 2.7	10.798	0.447	80.6	9 33 362	24 598
1263	9.2	49 44.04	3.5202	0.0159	21 40 47.3	10.795	0.437	81.6	210 358	21 561
1264	8.4	49 48.81	3.5032	0.0155	20 55 32.0	10.789	0.435	80.9	169 178	20 668
1265	7.1	49 52.23	3.5040	0.0155	20 57 32.0	10.785	0.435	80.9	169 178	20 669
1266	6.6	3 49 58.08	+3.5765	+0.0171	+24 5 51.7	+10.778	−0.444	80.8	9 33 404	24 599
1267	8.9	50 3.90	3.5095	0.0156	21 11 26.6	10.770	0.436	81.1	206 212	21 562
1268	9.0	50 4.02	3.4891	0.0152	20 17 15.3	10.770	0.434	81.7	169 341 360	20 670
1269	8.8	50 22.19	3.5412	0.0163	22 33 36.9	10.748	0.441	81.1	206 212	22 608
1270	9.0	50 44.10	3.4905	0.0151	20 18 56.6	10.721	0.435	81.5	169 360	20 672
1271	7.8	3 50 53.39	+3.5689	+0.0168	+23 43 13.6	+10.709	−0.445	80.1	38 41	23 594
1272	8.6	50 56.48	3.5462	0.0163	22 44 43.1	10.706	0.442	80.7	26 35 365	22 610
1273	9.0	51 9.11	3.5654	0.0167	23 33 14.6	10.690	0.444	80.1	30	[23 597]
1274	9.0	51 9.83	3.5640	0.0167	23 29 50.9	10.689	0.444	80.1	32	23 598
1275	8.4	51 17.58	3.5018	0.0153	20 47 13.6	10.680	0.437	80.8	7 14 404	20 674
1276	7.8	3 51 37.37	+3.5593	+0.0165	+23 16 3.7	+10.655	−0.444	80.1	30 32	23 600
1277	8.5	51 43.11	3.5971	0.0174	24 51 22.4	10.648	0.449	80.8	9 33 404	24 602
1278	9.0	51 43.74	3.5859	0.0171	24 23 12.6	10.647	0.448	81.1	206 211 212	24 601
1279	8.6	51 45.33	3.5446	0.0162	22 37 51.2	10.645	0.443	80.1	38 41	22 611
1280	9.0	51 47.44	3.5936	0.0173	24 42 30.2	10.643	0.449	81.6	211 360	24 603
1281	9.0	3 52 7.87	+3.5891	+0.0172	+24 29 57.4	+10.617	−0.449	81.6	206 211 405	24 604
1282	8.6	52 24.69	3.5857	0.0170	24 20 19.5	10.597	0.449	80.9	9 33 409	24 605
1283	8.9	52 28.41	3.5509	0.0163	22 51 37.9	10.592	0.444	80.8	26 35 212 358	22 612
1284	7.9	52 29.79	3.5069	0.0153	20 57 2.8	10.590	0.439	80.9	169 178	20 680
1285	9.3	52 39.15	3.5086	0.0153	21 0 55.0	10.579	0.439	80.7	7 14 169 360	20 681
1286	8.9	3 52 42.41	+3.5554	+0.0163	+23 2 33.2	+10.575	−0.445	80.1	30 32	22 613
1287	9.3	52 44.12	3.5086	0.0153	21 0 48.2	10.573	0.439	82.5	365 404	[20 683]
1288	9.1	52 48.17	3.5497	0.0162	22 47 30.9	10.567	0.445	82.0	211 365 404	22 614
1289	8.9	53 6.26	3.5425	0.0160	22 28 6.1	10.545	0.444	81.1	206 212	22 615
1290	8.2	53 23.59	3.4878	0.0148	20 3 28.4	10.524	0.437	81.2	169 178 367	20 684
1291	9.2	3 53 27.88	+3.5517	+0.0162	+22 50 22.7	+10.518	−0.444	82.1	365 367	— —
1292	7.9	53 31.51	3.5519	0.0162	22 50 49.6	10.514	0.446	81.6	211 358	} 22 617
1293	8.4	53 32.00	3.5519	0.0162	22 50 45.4	10.513	0.446	82.4	358 404	}
1294	8.8	53 38.98	3.5585	0.0163	23 7 20.8	10.504	0.447	80.9	30 32 409	23 605
1295	9.0	54 12.68	3.5383	0.0158	22 13 39.2	10.463	0.445	81.4	206 212 365	22 618
1296	8.7	3 54 24.10	+3.5173	+0.0153	+21 18 24.5	+10.448	−0.442	80.8	7 14 407	21 573
1297	9.1	54 37.35	3.5838	0.0167	24 8 1.8	10.432	0.451	80.8	9 33 407	24 607
1298	9.2 [1]	54 38.82	3.5568	0.0162	22 59 37.9	10.430	0.448	80.7	26 35 358	22 620
1299	8.2	54 52.77	3.5356	0.0157	22 4 20.1	10.413	0.445	81.6	206 212 409	22 621
1300	8.7	55 27.32	3.5047	0.0150	20 42 8.1	10.370	0.442	81.5	169 358	20 688

[1] Z. 26 obl.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1301	8.6	3^h 55^m $30^s.83$	$+3^s.5297$	$+0^s.0155$	+21° 47' 17".3	+10".365	−0".445	80.6	7 14 365	21° 577
1302	8.6	55 34.35	3.5241	0.0153	21 32 23.1	10.361	0.444	80.8	7 14 407	21 578
1303	8.7	55 49.28	3.6062	0.0171	24 59 41.1	10.342	0.455	80.8	9 33 405	24 613
1304	8.5	56 6.50	3.5970	0.0169	24 35 56.0	10.321	0.454	81.0	192 194	24 614
1305	8.9	56 19.25	3.5842	0.0166	24 3 15.8	10.305	0.453	81.6	206 212 409	23 606
1306	8.1	3 56 38.57	+3.5065	+0.0149	+20 43 25.7	+10.280	−0.444	80.9	169 178	20 692
1307	8.6	56 39.70	3.6089	0.0170	25 3 13.9	10.279	0.456	81.0	192 194	25 667
1308	8.5	56 43.91	3.5611	0.0160	23 3 52.4	10.274	0.450	80.1	38 41	22 626
1309	6.2	56 53.26	3.5779	0.0163	23 45 35.4	10.262	0.453	80.7	30 32 365	23 609
1310	8.8	57 0.45	3.4980	0.0147	20 19 58.7	10.253	0.443	81.9	169 358 409	20 694
1311	8.6	3 57 5.90	+3.5236	+0.0152	+21 26 23.8	+10.246	−0.446	80.8	7 14 405	21 583
1312	9.0	57 6.46	3.5270	0.0152	21 35 20.8	10.245	0.447	82.4	358 404	21 584
1313	9.1	57 7.66	3.6077	0.0170	24 58 45.3	10.244	0.457	80.6	9 33 360	24 616
1314	5.0	57 18.47	3.5307	0.0153	21 44 17.7	10.230	0.447	81.1	206 212	21 585
1315	8.6	57 22.62	3.6109	0.0170	25 5 40.3	10.225	0.457	81.0	192 194	25 671
1316	8.7	3 57 23.23	+3.5643	+0.0160	+23 9 51.4	+10.224	−0.452	80.9	30 32 407	23 611
1317	8.9	57 37.53	3.5028	0.0147	20 30 48.5	10.207	0.444	81.2	169 178 365	20 695
1318	8.2	57 47.74	3.5717	0.0161	23 27 13.1	10.194	0.453	80.7	30 192 194	23 613
1319	6.5	57 56.41	3.5299	0.0152	21 40 9.9	10.183	0.448	82.0	211 358 409	21 587
1320	8.2	57 57.30	3.5310	0.0152	21 42 57.3	10.182	0.448	80.8	14 206 212	21 588
1321	8.4	3 57 58.22	+3.5570	+0.0158	+22 49 31.6	+10.181	−0.451	80.7	26 35 360	22 629
1322	9.0	58 2.22	3.6072	0.0168	24 54 35.2	10.176	0.458	80.8	9 33 405	24 617
1323	9.1	58 15.85	3.5488	0.0156	22 27 39.2	10.158	0.451	80.7	26 35 360	22 630
1324	8.7	58 27.11	3.5118	0.0148	20 51 51.6	10.144	0.446	82.6	360 404 407	20 696
1325	8.7	58 34.06	3.5953	0.0165	24 23 27.0	10.135	0.457	80.8	9 33 405	24 620
1326	8.8	3 58 53.35	+3.5000	+0.0145	+20 19 38.4	+10.111	−0.445	81.2	169 178 365	20 698
1327	9.2	58 58.79	3.5105	0.0147	20 46 55.2	10.104	0.446	81.1	206 212	20 699
1328	8.6	59 10.39	3.5669	0.0158	23 10 40.6	10.090	0.454	80.9	30 32 409	23 617
1329	8.0	59 11.72	3.5301	0.0151	21 36 56.7	10.088	0.449	80.8	7 14 405	21 591
1330	8.4	59 39.34	3.5627	0.0157	22 58 34.3	10.053	0.454	80.6	26 35 192 194	22 635
1331	8.8	3 59 47.88	+3.5147	+0.0147	+20 55 27.2	+10.042	−0.448	81.2	169 178 365	20 701
1332	9.1	4 0 22.58	3.5154	0.0147	20 55 36.4	9.999	0.449	81.1	7 169 358	20 703
1333	8.9	0 50.32	3.5227	0.0148	21 13 6.0	9.963	0.450	82.3	206 365 404 405	[21 592]
1334	8.7	0 51.81	3.5337	0.0150	21 41 8.0	9.962	0.452	80.6	7 14 360	21 593
1335	9.3	0 54.11	3.5219	0.0147	21 10 53.9	9.959	0.450	81.5	211 212 358	21 594
1336	8.9	4 0 57.20	+3.5664	+0.0156	+23 3 51.2	+ 9.955	−0.456	80.9	30 32 409	23 621
1337	8.8	1 7.12	3.5236	0.0148	21 14 34.2	9.942	0.451	81.1	206 212	21 595
1338	7.5	1 22.87	3.5783	0.0158	23 32 13.0	9.922	0.458	80.9	38 41 407	23 624
1339	7.9	1 27.26	3.5598	0.0155	22 45 48.0	9.917	0.456	80.7	26 35 358	} 22 637
1340	7.8	1 27.29	3.5599	0.0155	22 45 54.0	9.917	0.456	80.7	26 35 358	
1341	7.6	4 2 14.54	+3.5843	+0.0159	+23 44 28.9	+ 9.857	−0.460	80.7	30 192 194	23 627
1342	7.2	2 47.92	3.5828	0.0158	23 39 2.4	9.814	0.460	80.7	30 192 194	23 632
1343	8.8	3 2.55	3.6171	0.0164	25 1 59.4	9.796	0.465	80.8	9 33 404	24 629
1344	8.9	3 45.77	3.5339	0.0147	21 33 24.9	9.741	0.455	80.6	7 14 360	21 601
1345	8.5	3 58.58	3.5383	0.0147	21 44 0.8	9.724	0.456	81.6	192 194 407	21 603
1346	8.8	4 4 20.46	+3.5959	+0.0158	+24 6 19.1	+ 9.696	−0.463	80.9	38 41 407	24 632
1347	8.9	4 20.88	3.6058	0.0161	24 30 39.6	9.696	0.465	80.8	9 33 404	24 631
1348	8.3	4 30.21	3.5994	0.0159	24 14 35.7	9.684	0.464	80.8	9 33 404	24 633
1349	9.0	4 39.75	3.5365	0.0146	21 37 27.3	9.672	0.456	80.6	7 14 360	21 605
1350	9.3	4 45.23	3.5159	0.0142	20 44 39.5	9.665	0.453	81.3	169 206 212 365	20 714

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1351	8.7	4h 4m 49s.18	+3s.5269	+0s.0144	+21° 12′ 38″.7	+9″.660	−0″.455	80.8	7 14 404	21° 606
1352	9.0	4 53.07	3.5085	0.0141	20 25 13.2	9.655	0.453	81.0	169 178 206 212	20 715
1353	7.1	4 57.08	3.5758	0.0154	23 15 1.5	9.650	0.461	80.7	30 192 194	23 642
1354	8.0	5 18.59	3.5749	0.0153	23 11 49.8	9.622	0.462	80.9	30 32 409	23 645
1355	6.3	5 26.62	3.5485	0.0148	22 5 24.2	9.612	0.458	80.9	38 41 407	22 649
1356	9.0	4 5 28.15	+3.5089	+0.0140	+20 24 44.1	+9.610	−0.453	81.2	169 178 358	20 716
1357	9.0	5 38.74	3.5649	0.0151	22 46 0.9	9.596	0.461	80.6	26 35 206 212	22 650
1358	8.7	5 47.67	3.5620	0.0150	22 38 11.3	9.585	0.460	80.6	26 35 192 194	22 651
1359	9.0	6 10.69	3.6062	0.0158	24 25 49.2	9.555	0.467	80.3	9 33 211	24 635
1360	8.6	6 33.30	3.5568	0.0148	22 23 14.7	9.526	0.461	80.7	38 41 358	22 654
1361	7.5	4 6 57.68	+3.5813	+0.0152	+23 22 37.7	+9.495	−0.464	80.7	38 41 365	23 648
1362	8.8	7 0.52	3.5627	0.0149	22 36 37.4	9.491	0.462	80.6	26 35 192 194	22 656
1363	8.3	7 2.88	3.5784	0.0152	23 15 25.6	9.488	0.464	80.9	30 32 407	23 649
1364	7.2	7 4.66	3.5513	0.0147	22 8 1.0	9.486	0.460	81.6	192 194 409	22 657
1365	8.9	7 5.25	3.5737	0.0151	23 3 29.5	9.485	0.463	80.7	30 32 360	23 650
1366	8.9	4 7 7.14	+3.5492	+0.0146	+22 2 30.5	+9.483	−0.460	81.1	206 212	21 607
1367	8.6	7 35.42	3.5971	0.0155	23 59 35.0	9.447	0.467	80.9	38 41 407	23 652
1368	8.7	7 49.26	3.5437	0.0144	21 46 47.1	9.429	0.460	80.3	7 14 211	21 610
1369	8.3	7 54.04	3.5918	0.0153	23 45 41.2	9.423	0.466	80.7	30 32 360	23 654
1370	8.9	8 13.40	3.5248	0.0140	20 57 52.3	9.398	0.458	80.9	169 178 206	20 720
1371	8.1	4 8 21.27	+3.5141	+0.0138	+20 30 18.0	+9.387	−0.457	81.2	169 178 358	20 721
1372	9.1 [1]	8 21.50	3.5785	0.0150	23 11 51.2	9.387	0.465	80.4	38 41 212 358	23 658
1373	8.6	8 34.35	3.5655	0.0148	22 39 7.8	9.371	0.464	80.6	26 35 192 194	22 663
1374	9.0	8 35.25	3.6286	0.0160	25 12 12.0	9.369	0.472	80.3	9 33 211	25 688
1375	8.9	9 9.00	3.5407	0.0142	21 35 41.7	9.326	0.461	80.3	7 14 211	21 612
1376	8.4	4 9 23.45	+3.5756	+0.0149	+23 1 36.1	+9.307	−0.466	80.6	26 35 206 212	22 665
1377	5.5	9 56.25	3.5101	0.0136	20 16 7.3	9.265	0.458	81.5	169 206 407	20 724
1378	8.7	9 59.66	3.5086	0.0136	20 12 5.4	9.260	0.458	81.2	169 178 358	20 725
1379	9.3	10 7.61	3.5098	0.0136	20 14 44.3	9.250	0.458	82.0	212 358 409	20 727
1380	9.0	10 11.97	3.5504	0.0143	21 57 0.3	9.245	0.463	80.6	7 14 360	21 616
1381	8.7	4 10 25.08	+3.6074	+0.0153	+24 16 5.4	+9.228	−0.471	81.0	192 194	24 641
1382	8.3	10 26.14	3.5529	0.0143	22 2 39.3	9.226	0.464	80.9	38 41 407	21 617
1383	8.6	10 37.10	3.6160	0.0155	24 36 5.6	9.212	0.472	80.8	9 33 404	24 642
1384	7.4 [2]	10 48.02	3.5643	0.0145	22 29 54.8	9.198	0.466	80.6	26 35 192 194	22 670
1385	8.5	10 54.35	3.6187	0.0155	24 41 42.8	9.190	0.473	80.8	9 33 405	24 643
1386	5.7	4 10 59.52	+3.5350	+0.0139	+21 16 18.1	+9.183	−0.462	80.6	7 14 365	21 618
1387	8.1	11 33.56	3.5952	0.0150	23 43 16.5	9.139	0.471	81.5	30 32 404 407	23 668
1388	8.2	11 38.75	3.5290	0.0138	20 59 36.8	9.132	0.462	81.1	206 212	20 731
1389	6.2	12 4.13	3.5257	0.0136	20 50 16.2	9.099	0.462	82.5	360 409	20 733
1390	8.7	12 12.19	3.5240	0.0136	20 45 36.2	9.089	0.462	81.1	206 212	20 735
1391	5.5	4 12 12.85	+3.5410	+0.0139	+21 28 10.0	+9.088	−0.464	80.8	7 14 409	21 623
1392	7.2 [3]	12 16.06	3.5889	0.0148	23 25 59.3	9.084	0.471	82.4	358 404	23 672
1393	9.0	12 21.91	3.5895	0.0148	23 27 12.7	9.076	0.471	82.4	358 404	23 673
1394	7.7	12 33.55	3.5858	0.0147	23 17 44.3	9.061	0.470	82.6	358 404 407	23 675
1395	9.1	13 14.99	3.5706	0.0143	22 38 48.3	9.007	0.469	80.9	26 35 405	22 676
1396	9.2	4 13 21.92	+3.5532	+0.0140	+21 55 45.7	+8.998	−0.467	80.6	7 14 358	21 625
1397	7.3	14 9.13	3.5255	0.0134	20 44 26.8	8.936	0.464	81.6	206 212 409	20 740
1398	7.3	14 13.10	3.5291	0.0135	20 53 16.4	8.931	0.465	81.1	206 212	20 741
1399	9.2	14 34.01	3.5552	0.0139	21 57 26.6	8.904	0.468	80.8	7 14 407	21 631
1400	8.8	14 52.44	3.5655	0.0140	22 21 56.3	8.880	0.470	80.9	26 35 407	22 683

[1] Dupl. 3″-4″ maj.; Com. 9m.5 [2] Dupl. med. [3] Dupl. 10″ maj.; Com. < 9m



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1401	9.1	4h 14m 59s.19	+3s.5824	+0s.0143	+23° 2′ 52″.9	+8″.871	−0″.472	80.1	38 41	22° 684
1402	6.7	15 1.66	3.5211	0.0133	20 31 24.6	8.868	0.464	81.1	206 212	20 744
1403	9.2	15 21.93	3.5702	0.0141	22 32 15.4	8.841	0.471	82.8	405	[22 685]
1404	9.1	15 44.21	3.5215	0.0132	20 30 35.5	8.812	0.465	81.1	206 212	20 745
1405	9.1	15 47.58	3.5312	0.0133	20 54 52.2	8.807	0.466	81.6	211 360	20 746
1406	7.3	4 15 57.29	+3.6100	+0.0147	+24 6 42.9	+8.795	−0.477	80.8	9 33 404	24 654
1407	8.8	15 58.62	3.5355	0.0134	21 5 7.1	8.793	0.467	80.8	7 14 407	21 635
1408	8.6	16 0.09	3.5308	0.0133	20 53 19.1	8.791	0.467	81.6	211 360	20 748
1409	9.2	16 3.03	3.5535	0.0137	21 49 21.6	8.787	0.470	82.8	405 409	21 636
1410	9.2	16 7.25	3.5134	0.0130	20 9 22.4	8.782	0.464	82.8	404 405	} 20 749
1411	9.4	4 16 7.42	+3.5134	+0.0130	+20 9 12.9	+8.781	−0.464	82.8	404 405	
1412	8.6	16 8.94	3.5238	0.0132	20 35 28.9	8.779	0.466	81.1	206 212	20 750
1413	6.6	16 10.52	3.5262	0.0132	20 41 18.7	8.777	0.466	81.6	211 360	20 751
1414	7.2	16 16.39	3.5745	0.0140	22 40 16.0	8.770	0.473	80.9	26 35 409	22 686
1415	9.1	16 22.82	3.5363	0.0134	21 6 7.8	8.761	0.468	81.6	215 365	21 637
1416	8.3	4 16 25.63	+3.6080	+0.0146	+24 0 37.7	+8.758	−0.477	81.5	38 407	23 683
1417	6.6	16 27.67	3.6080	0.0146	24 0 28.0	8.755	0.477	80.9	38 41 407	23 684
1418	8.8	16 37.47	3.5401	0.0134	21 14 51.0	8.742	0.468	81.6	173 200 429	21 639
1419	7.3	16 49.50	3.5451	0.0135	21 26 42.5	8.726	0.469	80.8	7 14 409	21 641
1420	8.3	17 2.05	3.5698	0.0139	22 27 2.2	8.710	0.473	80.6	26 35 206 212	22 688
1421	9.0	4 17 7.54	+3.6306	+0.0149	+24 52 14.1	+8.703	−0.481	80.8	9 33 405	24 655
1422	9.2	17 26.45	3.5305	0.0132	20 48 55.3	8.678	0.468	81.2	169 178 360	20 753
1423	8.3	17 48.48	3.5967	0.0142	23 29 54.8	8.649	0.477	80.1	38 41	23 688
1424	4.5	17 55.33	3.5598	0.0136	22 0 20.3	8.640	0.472	81.4	181a 185 186 409	21 642
1425	5.7	17 58.36	3.5576	0.0136	21 54 43.0	8.636	0.472	80.3	7 14 211	21 643
1426	9.0	4 18 4.65	+3.5925	+0.0141	+23 19 3.7	+8.627	−0.477	80.1	30 32	23 690
1427	8.9	18 20.71	3.5917	0.0141	23 16 33.3	8.606	0.477	80.9	38 41 409	23 692
1428	8.8	18 25.23	3.5322	0.0131	20 50 55.9	8.600	0.469	80.9	169 178 206	20 754
1429	4.9	18 49.82	3.5736	0.0137	22 31 41.2	8.568	0.475	80.6	5 Beob.[1]	22 696
1430	7.8	18 54.09	3.5408	0.0132	21 11 4.7	8.562	0.471	80.5	7 14 173 200	21 644
1431	8.8	4 19 17.93	+3.5796	+0.0138	+22 44 51.4	+8.531	−0.476	80.6	5 Beob.[2]	22 697
1432	8.6	19 41.91	3.5920	0.0139	23 13 41.6	8.499	0.478	80.7	30 32 365	23 695
1433	8.8	19 45.18	3.5301	0.0129	20 42 27.6	8.495	0.470	80.9	169 173 178 200	20 756
1434	5.5	19 49.03	3.5792	0.0137	22 42 45.5	8.490	0.477	80.1	38 41	22 699
1435	8.9	19 59.09	3.6315	0.0146	24 46 40.7	8.476	0.484	80.3	9 33 212	24 658
1436	8.9	4 20 16.69	+3.6161	+0.0143	+24 9 30.7	+8.453	−0.482	80.3	9 33 211	24 659
1437	6.5	20 35.74	3.5462	0.0131	21 20 20.1	8.428	0.473	81.3	173 200 365	21 647
1438	8.8	20 45.79	3.5638	0.0133	22 3 4.3	8.415	0.476	81.1	206 212	21 648
1439	8.6	20 48.06	3.6085	0.0141	23 50 12.4	8.412	0.481	80.6	41 211	23 698
1440	8.8	20 54.50	3.6094	0.0141	23 52 8.1	8.403	0.482	80.1	38	[23 699]
1441	8.8	4 21 2.76	+3.5847	+0.0137	+22 52 53.6	+8.392	−0.479	81.6	211 360	22 702
1442	8.9	21 16.12	3.5277	0.0127	20 33 7.6	8.375	0.471	81.5	173 200 409	20 760
1443	8.3	21 20.72	3.5240	0.0126	20 23 49.7	8.368	0.471	81.0	173 200	20 761
1444	8.6	21 35.45	3.5544	0.0131	21 38 14.7	8.349	0.475	81.6	211 360	21 652
1445	9.1[3]	22 34.22	3.5295	0.0126	20 34 37.0	8.271	0.472	82.1	363	[20 764]
1446	8.7	4 22 44.78	+3.5328	+0.0126	+20 42 24.4	+8.257	−0.473	81.1	206 212	20 767
1447	9.1	22 45.71	3.5302	0.0126	20 35 59.0	8.256	0.473	81.5	173 200 405	20 766
1448	7.8	22 51.65	3.5974	0.0137	23 18 46.8	8.248	0.482	80.7	38 41 360	23 701
1449	8.7	23 41.58	3.6352	0.0142	24 45 32.3	8.181	0.488	81.1	206 212	24 662
1450	8.0	23 43.05	3.5923	0.0135	23 4 25.2	8.179	0.482	80.6	11 17 366	23 702

[1] Z. 26 35 181a 185 186 [2] Z. 26 35 181a 185 186 [3] Gr. nach BD

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1451	7.9	$4^h\ 24^m\ 7^s.15$	$+3^s.5801$	$+0^s.0132$	+22° 34′ 25″.3	+8″.147	−0″.481	80.7	6 Beob.[1]	22° 707
1452	8.9	24 17.35	3.5294	0.0124	20 30 42.0	8.134	0.474	81.5	173 200 409	20 772
1453	8.8	24 29.71	3.5505	0.0127	21 21 49.8	8.117	0.477	80.3	7 14 215	21 656
1454	8.1	24 43.20	3.5506	0.0127	21 21 42.1	8.099	0.477	80.3	7 14 215	21 657
1455	8.2	24 45.75	3.6404	0.0141	24 54 57.7	8.096	0.489	80.6	9 33 365	24 663
1456	8.4	4 25 55.42	+3.6184	+0.0136	+24 0 45.5	+8.003	−0.487	80.6	11 17 366	23 705
1457	9.0	25 57.56	3.5527	0.0126	21 24 0.9	8.000	0.479	80.5	7 14 173 200	21 660
1458	9.2	26 11.22	3.5672	0.0128	21 58 31.2	7.982	0.481	81.4	181a 185 186 409	21 662
1459	8.9	26 17.66	3.6245	0.0137	24 14 16.5	7.973	0.489	80.6	9 33 365	24 665
1460	8.7	27 4.38	3.5798	0.0129	22 26 50.2	7.910	0.483	80.1	26 35	[22 710]
1461	8.5	4 27 12.25	+3.5401	+0.0122	+20 50 34.9	+7.900	−0.478	81.5	173 200 407	20 776
1462	9.3	27 14.02	3.5717	0.0127	22 7 2.4	7.897	0.482	80.7	38 41 360	22 711
1463	8.8	27 16.63	3.6190	0.0135	23 58 54.4	7.894	0.489	80.3	11 17 212	23 710
1464	7.0	27 16.75	3.5796	0.0128	22 25 47.0	7.894	0.483	80.6	5 Beob.[2]	22 712
1465	9.2	27 21.33	3.5846	0.0129	22 37 33.9	7.888	0.484	80.5 80.4	38 41 211a 215	22 713
1466	8.3	4 27 23.19	+3.5402	+0.0122	+20 50 28.0	+7.885	−0.478	81.3	173 200 366	20 778
1467	8.8	27 47.78	3.5890	0.0129	22 47 7.5	7.852	0.485	80.0	11 17 26 35	22 715
1468	8.5	28 10.32	3.5636	0.0125	21 45 37.1	7.822	0.482	80.3	7 14 212	21 668
1469	9.1	28 30.76	3.5502	0.0123	21 12 28.7	7.794	0.480	80.3	7 14 206	21 669
1470	7.8	28 48.91	3.5522	0.0123	21 16 42.8	7.770	0.481	81.0	173 200 206	21 670
1471	8.3	4 28 51.72	+3.5561	+0.0123	+21 25 55.1	+7.766	−0.481	80.8	7 181a 185 186	21 671
1472	6.2	28 57.55	3.5977	0.0129	23 5 2.1	7.758	0.487	80.0	11 17 41	23 715
1473	9.0	29 32.61	3.5408	0.0120	20 47 20.8	7.711	0.480	81.0	173 200	20 783
1474	9.2	30 30.61	3.5903	0.0126	22 44 12.4	7.633	0.487	80.5	6 Beob.[3]	22 718
1475	8.9	30 35.05	3.6305	0.0132	24 18 0.7	7.627	0.493	80.6	9 33 206 212	24 672
1476	6.0	4 30 53.43	+3.5331	+0.0117	+20 25 51.9	+7.602	−0.480	81.0	173 200	20 785
1477	8.0	31 20.03	3.5952	0.0126	22 53 58.6	7.566	0.489	80.3	11 17 212	22 721
1478	9.0	31 20.35	3.6367	0.0132	24 30 31.0	7.566	0.495	80.6	9 33 206 211	24 673
1479	8.8	31 37.16	3.5318	0.0117	20 21 12.1	7.543	0.481	81.4	173 200 349 351	20 790
1480	8.5	31 44.85	3.5830	0.0124	22 24 5.1	7.533	0.488	80.6	5 Beob.[4]	22 725
1481	6.8	4 31 45.89	+3.6492	+0.0134	+24 58 4.6	+7.532	−0.497	80.6	9 33 206 212	24 674
1482	8.4	32 13.57	3.5550	0.0119	21 16 8.7	7.494	0.484	80.8	7 14 349 351	21 680
1483	9.2	32 27.65	3.5442	0.0117	20 49 39.2	7.475	0.483	81.3	173 200 215 364	20 793
1484	8.6	32 29.06	3.5929	0.0124	22 45 57.7	7.473	0.489	80.0	11 17 26 35	22 728
1485	9.0	32 34.29	3.6004	0.0125	23 3 26.2	7.466	0.490	80.7	38 41 366	23 722
1486	9.0	4 32 47.39	+3.5314	+0.0115	+20 18 1.6	+7.448	−0.481	81.1	206 212	20 796
1487	9.4	33 4.99	3.5457	0.0117	20 52 1.0	7.424	0.484	81.2	7 173 200 405	20 798
1488	8.7	33 15.89	3.6141	0.0126	23 33 53.3	7.410	0.493	80.6	11 17 366	23 723
1489	9.0	33 25.80	3.6176	0.0127	23 41 38.1	7.396	0.494	80.1	38 41	23 724
1490	9.0	33 28.52	3.5258	0.0114	20 3 2.6	7.393	0.481	81.5 81.6	211a 215 360	20 800
1491	8.9	4 33 54.83	+3.5857	+0.0122	+22 25 55.6	+7.357	−0.490	80.7	26 185 186	22 733
1492	8.4	33 57.36	3.5414	0.0115	20 39 54.1	7.353	0.484	81.6	215 360	20 802
1493	9.1	34 11.77	3.6368	0.0129	24 24 11.2	7.334	0.497	81.8	9 364 366 405	24 678
1494	8.8	34 13.17	3.5847	0.0121	22 22 57.3	7.332	0.490	81.0	185 186	22 734
1495	8.7	34 14.13	3.5874	0.0121	22 29 16.6	7.331	0.490	81.6	215 363	22 735
1496	9.4	4 34 25.46	+3.5557	+0.0117	+21 13 30.4	+7.315	−0.486	81.4	7 360 405	21 685
1497	7.7	34 30.76	3.6205	0.0126	23 46 4.9	7.308	0.495	80.0	11 17	23 729
1498	8.7	34 34.14	3.5569	0.0117	21 15 57.9	7.304	0.486	81.2	7 14 360 409	21 686
1499	8.8	34 35.53	3.5961	0.0122	22 49 3.8	7.302	0.492	82.0	338 363	22 736
1500	7.8	34 42.22	3.5932	0.0122	22 42 1.3	7.293	0.491	81.5	181a 185 186 429	22 737

[1] Z. 26 35 181a 185 186 211 [2] Z. 26 35 181a 185 186 [3] Z. 11 26 35 181a 185 186 [4] Z. 26 35 181a 185 186

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1501	4.3	4h 34m 44s.63	+3s.5936	+0s.0122	+22° 42′ 54″.3	+7″.289	−0″.491		Fund. Cat.	22° 739
1502	9.3	34 46.24	3.6016	0.0123	23 1 35.4	7.287	0.493	81.9	215 363 405	22 738
1503	9.0	35 10.72	3.6012	0.0122	22 59 46.8	7.254	0.493	81.3	185 186 363	22 740
1504	9.1	35 30.23	3.5357	0.0113	20 23 14.1	7.227	0.484	81.6	215 360	20 807
1505	6.9	35 39.75	3.6237	0.0125	23 50 59.6	7.214	0.496	80.5	17 211	23 733
1506	8.7	4 35 43.05	+3.5359	+0.0113	+20 23 22.0	+7.210	−0.484	82.1	349 351 360	20 808
1507	7.4	36 23.83	3.5949	0.0120	22 42 26.5	7.154	0.493	81.0	181a[1] 185 186	22 743
1508	9.1	36 39.75	3.6124	0.0122	23 22 37.6	7.133	0.496	81.4	206 212 368	23 736
1509	8.3	36 47.98	3.6247	0.0123	23 50 54.4	7.121	0.497	80.6	11 17 360	23 738
1510	8.5	36 56.71	3.5627	0.0115	21 25 19.3	7.110	0.489	80.8	7 14 349 351	21 692
1511	9.1	4 36 58.43	+3.5447	+0.0112	+20 42 8.5	+7.107	−0.486	81.0	173 200 215	20 813
1512	8.9	37 43.20	3.6342	0.0124	24 10 35.9	7.046	0.499	80.6	9 33 338	24 683
1513	7.3	38 9.77	3.6142	0.0120	23 23 45.8	7.010	0.497	80.9	17 211 368	23 739
1514	9.0	38 33.54	3.5542	0.0112	21 1 59.6	6.977	0.489	80.5	7 14 206 212	21 694
1515	8.5	38 49.73	3.6160	0.0120	23 26 40.8	6.955	0.498	80.5	11 17 338	23 741
1516	9.0	4 38 53.70	+3.5520	+0.0111	+20 56 6.0	+6.950	−0.489	81.0	173 200	20 817
1517	8.7	39 12.68	3.5608	0.0112	21 16 24.2	6.924	0.490	80.8	7 14 349 351	21 697
1518	9.0	39 13.87	3.6075	0.0118	23 6 4.2	6.922	0.497	80.1	17 38 41	23 742
1519	9.1	39 47.05	3.5347	0.0108	20 12 54.8	6.877	0.487	81.3	173 200 215 364	} 20 821
1520	9.4	39 47.98	3.5349	0.0108	20 13 17.9	6.875	0.487	81.4	206 212 364	}
1521	9.3	4 39 49.23	+3.5373	+0.0108	+20 19 9.9	+6.874	−0.487	81.3	173 211 215 360	20 822
1522	8.9	39 50.71	3.6041	0.0117	22 56 57.3	6.872	0.497	80.5	26 35 185 186	22 753
1523	9.1	39 56.56	3.5562	0.0111	21 4 8.8	6.864	0.490	81.4	200 206 366	21 700
1524	8.7	39 59.06	3.5818	0.0114	22 4 35.2	6.860	0.494	80.6 80.5	5 Beob.[2]	22 754
1525	9.1	40 9.80	3.5789	0.0113	21 57 33.7	6.846	0.493	80.8	7 14 212 363	21 701
1526	8.4	4 40 19.92	+3.5779	+0.0113	+21 54 49.1	+6.832	−0.493	81.3	185 186 366	21 702
1527	9.2	40 41.43	3.6202	0.0118	23 32 36.6	6.802	0.500	80.9	17 215 338	23 743
1528	8.5	40 58.76	3.6462	0.0121	24 31 11.2	6.778	0.503	81.1	9 33 360 368	24 689
1529	8.9	41 16.58	3.5524	0.0108	20 52 42.5	6.754	0.491	81.4	173 200 349 351	20 823
1530	9.3	41 17.10	3.6387	0.0120	24 13 30.3	6.753	0.503	80.6	9 33 364	24 691
1531	7.3	4 41 18.45	+3.5578	+0.0109	+21 5 33.1	+6.751	−0.492	80.7	7 14 173 366	21 707
1532	9.1	41 35.38	3.6484	0.0121	24 34 55.6	6.728	0.504	80.6	9 33 338	24 692
1533	8.5	42 15.34	3.6120	0.0115	23 10 35.3	6.673	0.500	80.0	11 17 38 41	23 747
1534	8.3	42 18.34	3.5747	0.0110	21 43 44.2	6.669	0.495	80.5 80.6	5 Beob.[3]	21 709
1535	9.2	42 35.02	3.6638	0.0121	25 7 29.8	6.646	0.507	81.1	206 212	25 736
1536	8.7	4 43 13.00	+3.5947	+0.0112	+22 28 40.3	+6.594	−0.498	80.5	26 35 185 186	22 762
1537	8.7	43 39.46	3.6368	0.0116	24 4 29.3	6.557	0.504	80.6	9 33 360	24 695
1538	8.8	43 50.91	3.6020	0.0112	22 44 33.8	6.542	0.499	80.5	26 35 185 186	22 763
1539	8.6	44 19.64	3.6127	0.0113	23 8 24.4	6.502	0.501	80.1	17 38 41	23 750
1540	8.4	44 48.88	3.6236	0.0113	23 32 18.6	6.462	0.503	80.5	11 17 206 212	23 752
1541	9.4	4 44 51.26	+3.5851	+0.0108	+22 3 23.1	+6.458	−0.498	80.5	26 35 185 186	22 766
1542	8.9	44 52.65	3.5808	0.0108	21 53 20.4	6.456	0.497	80.8	7 14 349 351	21 715
1543	9.3	45 1.44	3.5800	0.0108	21 51 19.5	6.444	0.497	82.0	349	[21 716]
1544	8.7	45 34.64	3.5849	0.0108	22 1 41.0	6.398	0.498	80.7	38 41 364	21 717
1545	9.0	45 38.57	3.5760	0.0106	21 40 46.1	6.393	0.497	80.7	7 206 212	21 718
1546	8.7	4 45 40.86	+3.6549	+0.0116	+24 41 33.1	+6.390	−0.508	80.6	9 33 364	24 702
1547	8.1	45 46.64	3.6357	0.0114	23 58 2.4	6.382	0.505	80.9	17 215 366	23 756
1548	7.7	45 56.96	3.6677	0.0117	25 9 25.4	6.368	0.510	81.8	215 360 368	25 746
1549	6.8	46 1.70	3.6132	0.0110	23 6 20.2	6.361	0.503	81.3	206 212 338	23 757
1550	8.8	46 6.72	3.6056	0.0109	22 48 41.2	6.354	0.502	80.5	26 35 185 186	22 769

[1] Gew. ½ [2] Z. 26 35 181a (a ½) 185 186 [3] Z. 7 14 181a (a ½) 185 186



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1551	7.7	4^h 46^m 10^s.40	+3^s.6196	+0^s.0111	+23° 20′ 41″.5	+6″.349	−0″.504	80.0	11 17 38 41	23° 758
1552	9.2	46 21.15	3.5993	0.0108	22 33 44.8	6.334	0.501	81.0	185 186	22 770
1553	9.0	46 37.24	3.5366	0.0101	20 5 58.5	6.312	0.492	81.0	173 200	20 838
1554	8.7	46 37.83	3.6072	0.0109	22 51 30.4	6.311	0.502	81.1	26 360	22 771
1555	7.9	46 38.61	3.6318	0.0112	23 47 31.6	6.310	0.505	80.1	38 41	23 761
1556	9.0	4 46 55.23	+3.5776	+0.0105	+21 42 25.5	+6.287	−0.498	81.5	7 363 366	21 720
1557	8.8	46 58.56	3.5735	0.0105	21 32 35.3	6.282	0.498	81.1	206 212	21 721
1558	8.1	47 3.09	3.6305	0.0111	23 43 51.4	6.276	0.506	80.1	38 41	23 763
1559	8.7	47 10.99	3.5636	0.0103	21 9 7.2	6.265	0.496	81.6	215 363	21 722
1560	8.7	47 19.09	3.5572	0.0102	20 53 38.8	6.254	0.496	81.0	173 200	20 840
1561	8.4	4 47 20.88	+3.5840	+0.0105	+21 56 27.5	+6.251	−0.499	81.5	206 212 349 351	21 723
1562	8.8	47 29.05	3.5534	0.0102	20 44 31.0	6.240	0.495	81.0	173 200	20 841
1563	9.0	47 36.12	3.5720	0.0104	21 27 57.3	6.230	0.498	81.6	215 364	21 724
1564	8.5	47 37.19	3.6668	0.0115	25 4 20.7	6.229	0.511	82.0	338 360	25 753
1565	8.6	47 46.91	3.6241	0.0110	23 28 3.7	6.215	0.505	82.0	338 360	23 766
1566	8.6	4 47 47.65	+3.5767	+0.0104	+21 38 42.1	+6.214	−0.499	82.1	349 351 363	21 726
1567	9.0	47 48.05	3.6299	0.0110	23 41 6.7	6.214	0.506	80.6	11 17 366	23 767
1568	8.5	47 48.40	3.5377	0.0099	20 6 33.9	6.213	0.493	81.3	173 200 368	20 846
1569	8.9	48 10.52	3.5857	0.0105	21 59 2.3	6.183	0.500	81.1	206 212	21 727
1570	9.0	48 25.65	3.5881	0.0104	22 4 15.3	6.162	0.501	81.9	215 364 405	22 775
1571	8.3	4 48 32.15	+3.6335	+0.0110	+23 48 8.8	+6.152	−0.507	82.4	338 405	23 770
1572	9.0	48 35.45	3.6695	0.0114	25 8 26.8	6.148	0.512	82.1	349 351 360	25 755
1573	7.5	48 36.09	3.5961	0.0105	22 22 32.7	6.147	0.502	82.0	215 405	22 776
1574	6.8	48 38.86	3.6493	0.0112	24 23 25.7	6.143	0.509	81.1	206 212	24 709
1575	9.0	48 39.98	3.6563	0.0112	24 39 1.0	6.142	0.510	82.0	338 360	24 708
1576	7.5	4 48 47.00	+3.5704	+0.0102	+21 22 15.9	+6.132	−0.498	81.0	173 200	21 731
1577	7.7	49 2.39	3.6153	0.0107	23 5 52.8	6.110	0.505	80.0	11 17	23 772
1578	8.6	49 29.07	3.6543	0.0111	24 33 10.4	6.073	0.511	81.1	206 212	24 711
1579	9.1	49 30.77	3.6598	0.0112	24 45 14.1	6.071	0.511	81.6	215 360	24 712
1580	5.5	50 13.66	3.6335	0.0108	23 45 4.9	6.011	0.508	80.0	11 17	23 777
1581	6.2	4 50 30.46	+3.6633	+0.0111	+24 51 18.6	+5.988	−0.513	81.1	206 212	24 717
1582	8.4	50 40.45	3.5397	0.0097	20 7 2.2	5.974	0.495	81.4	173 200 349 351	20 855
1583	8.3	51 15.86	3.6490	0.0108	24 18 4.8	5.925	0.511	81.6	215 360	24 719
1584	8.6	51 17.37	3.6314	0.0106	23 38 31.8	5.923	0.509	81.0	11 17 338 364	23 782
1585	9.0	51 34.70	3.5767	0.0100	21 32 41.3	5.899	0.501	81.6	190 208 412	21 740
1586	8.7	4 51 42.78	+3.6029	+0.0102	+22 32 58.8	+5.887	−0.505	81.6	185 186 420	22 790
1587	9.0	51 44.60	3.5989	0.0102	22 23 42.7	5.885	0.504	81.3	185 186 368	22 791
1588	8.7	51 58.42	3.6297	0.0105	23 33 33.1	5.865	0.509	81.4	206 212 356	23 784
1589	8.9	52 3.30	3.6119	0.0103	22 52 51.0	5.859	0.506	81.6	190 208 406	22 792
1590	9.1	52 20.10	3.6414	0.0106	23 59 20.4	5.835	0.511	80.1	17 38 41	23 787
1591	8.5	4 52 37.79	+3.6675	+0.0108	+24 56 44.8	+5.811	−0.514	81.6	206 212 412	24 722
1592	8.7	52 39.18	3.5997	0.0101	22 24 8.0	5.809	0.505	81.3	185 186 368	22 795
1593	8.3	52 48.46	3.6414	0.0105	23 58 22.4	5.796	0.511	81.5	38 360 366	23 789
1594	8.4	52 48.67	3.5568	0.0096	20 44 15.8	5.795	0.499	81.5	173 200 406	20 860
1595	8.9	53 2.66	3.6332	0.0104	23 39 37.3	5.776	0.510	80.7	38 41 356	23 791
1596	8.6	4 53 2.80	+3.6006	+0.0100	+22 25 35.0	+5.776	−0.505	81.0	185 186 215	22 797
1597	8.9	53 18.00	3.5648	0.0096	21 2 7.2	5.754	0.500	81.6	37 40 417 420	21 745
1598	8.1	53 34.44	3.6227	0.0102	23 15 5.8	5.731	0.509	81.3	41 215 412	23 796
1599	8.9	53 45.41	3.6060	0.0100	22 36 43.5	5.716	0.507	82.0	190 208 417 420	22 799
1600	8.9	53 52.94	3.6320	0.0103	23 35 36.3	5.706	0.510	80.6	11 17 366	23 798

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1601	8.6	4h 53m 57s.39	+3s.6142	+0s.0101	+22° 55′ 4″.2	+5″.699	−0″.508	81.6	190 208 406	22° 800
1602	8.3	53 59.05	3.6553	0.0105	24 27 31.7	5.697	0.514	82.0	338 356 360	24 726
1603	8.0	54 19.74	3.5555	0.0094	20 38 48.6	5.668	0.500	81.0	173 200	20 863
1604	8.6	54 38.66	3.5682	0.0095	21 8 10.9	5.642	0.502	81.4	190 208 368	21 747
1605	8.4	54 40.33	3.6393	0.0102	23 50 40.5	5.639	0.512	81.6	215 363	23 804
1606	8.7	4 54 47.14	+3.6518	+0.0104	+24 18 23.3	+5.630	−0.514	82.0	338 360	24 730
1607	9.3	54 54.19	3.6343	0.0102	23 39 1.0	5.620	0.511	82.1	364	[23 805]
1608	8.6	54 57.41	3.6353	0.0102	23 41 17.7	5.615	0.511	82.0	349 351	23 806
1609	9.1	55 1.13	3.6359	0.0102	23 42 34.0	5.610	0.512	81.2	17 349 351	23 807
1610	8.4	55 5.28	3.6421	0.0102	23 56 20.4	5.604	0.512	81.6	215 363	23 808
1611	8.5	4 55 8.52	+3.6474	+0.0103	+24 8 1.9	+5.600	−0.513	82.5	366 405	24 733
1612	9.2	55 24.45	3.6619	0.0104	24 39 50.0	5.578	0.515	82.0	338 364	24 737
1613	**5.0**	**55 37.51**	**3.5759**	**0.0095**	**21 24 33.4**	**5.559**	**0.504**		**Fund. Cat.**	**21 751**
1614	8.6	55 42.30	3.6346	0.0101	23 38 23.5	5.553	0.512	81.6	215 363	23 815
1615	9.0	55 45.37	3.6523	0.0103	24 17 56.2	5.548	0.514	82.1	364 366	24 738
1616	8.7	4 55 52.65	+3.5591	+0.0093	+20 45 5.9	+5.538	−0.501	82.5	368 405	20 869
1617	9.4	55 57.31	3.6304	0.0100	23 28 34.8	5.531	0.511	83.1	431 432	[23 817]
1618	9.0	55 58.09	3.6310	0.0100	23 29 56.2	5.530	0.511	83.1	429 431	[23 819?]
1619	9.2	56 4.08	3.6302	0.0100	23 27 57.8	5.522	0.511	83.1	429 432	[23 820]
1620	9.1	56 4.21	3.6303	0.0100	23 28 17.2	5.522	0.511	82.1	6 Beob.[1]	23 821
1621	7.5	4 56 11.95	+3.6661	+0.0103	+24 47 47.5	+5.511	−0.516	82.1	356 364	24 739
1622	9.1	56 15.64	3.6336	0.0100	23 35 18.0	5.506	0.512	81.6	215 363	23 822
1623	8.5	56 16.64	3.6420	0.0101	23 54 12.4	5.504	0.513	82.1	349 351 363	23 824
1624	8.7	56 26.29	3.6010	0.0096	22 21 15.1	5.491	0.508	81.0	185 186	22 812
1625	9.3	56 39.51	3.6307	0.0099	23 28 7.5	5.472	0.512	80.0	11 17	— —
1626	8.2	4 56 46.84	+3.6276	+0.0099	+23 20 55.4	+5.462	−0.511	82.0	338 346	23 828
1627	8.4	56 54.16	3.5782	0.0093	21 27 55.3	5.452	0.505	81.0	190 208	21 754
1628	6.6	56 54.74	3.5687	0.0092	21 6 1.1	5.451	0.503	80.5	37 40 173 200	21 755
1629	8.3	56 59.29	3.6310	0.0099	23 28 18.1	5.445	0.512	81.9	215 364 369 371	23 830
1630	8.2	57 12.58	3.6384	0.0099	23 44 37.5	5.426	0.513	82.1	349 351 363	23 833
1631	8.8	4 57 20.61	+3.6291	+0.0098	+23 23 31.6	+5.415	−0.512	82.0	338 346 356	23 835
1632	7.3	57 37.05	3.6354	0.0098	23 37 22.3	5.392	0.513	80.6	11 17 366	23 837
1633	7.2	58 5.06	3.6162	0.0096	22 53 11.9	5.352	0.511	81.3	185 186 368	22 818
1634	8.8	58 18.14	3.6108	0.0095	22 40 49.3	5.334	0.510	81.5	190 208 369 371	22 820
1635	8.9	58 21.01	3.6486	0.0099	24 5 36.2	5.330	0.515	81.9	215 346 406	24 745
1636	9.1	4 59 4.46	+3.6586	+0.0099	+24 26 44.7	+5.269	−0.517	82.2	338 363 412	24 748
1637	7.5	59 9.99	3.6024	0.0093	22 20 21.6	5.261	0.509	81.4	185 186 349 351	22 825
1638	8.6	59 18.83	3.6527	0.0098	24 13 7.5	5.248	0.516	81.8	215 346 366	24 750
1639	8.6	59 39.19	3.5997	0.0092	22 13 27.8	5.220	0.509	81.3	185 186 368	22 829
1640	8.6	5 0 1.62	3.6651	0.0098	24 39 25.4	5.188	0.519	81.8	215 356 363	24 753
1641	9.3	5 0 14.98	+3.5655	+0.0088	+20 53 57.6	+5.169	−0.505	81.4	173 200 349 351	20 883
1642	9.0	0 19.59	3.5818	0.0090	21 31 37.5	5.163	0.507	80.9	37 40 412	21 764
1643	6.0	0 24.60	3.5489	0.0086	20 15 4.4	5.156	0.502	81.8	5 Beob.[2]	20 885
1644	6.3	0 27.06	3.5822	0.0089	21 32 14.0	5.152	0.507	81.5	5 Beob.[3]	21 766
1645	6.2	0 29.69	3.6502	0.0096	24 5 52.5	5.149	0.517	82.0	338 346 364	24 755
1646	9.2	5 0 44.48	+3.6237	+0.0093	+23 6 17.3	+5.128	−0.513	80.8	11 17 412	23 854
1647	8.7	0 45.25	3.5852	0.0089	21 38 48.9	5.127	0.508	81.5	5 Beob.[4]	21 767
1648	8.5	0 47.02	3.6222	0.0093	23 2 53.0	5.124	0.513	81.6	185 186 420	23 855
1649	8.4	1 18.88	3.5773	0.0088	21 19 49.9	5.079	0.507	81.6	190 208 406	21 770
1650	8.8	1 30.21	3.6351	0.0093	23 30 43.5	5.063	0.515	80.6	11 17 366	23 858

[1] Z. 17 366 368 404 412 417 [2] Z. 173 200 369 371 406 [3] Z. 37 40 366 368 406 [4] Z. 37 40 369 371 412

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1651	8.6	5h 1m 38s.87	+3s.5522	+0s.0085	+20° 21′ 6″.0	+5″.051	−0″.504	81.4	173 200 349 351	20° 889
1652	8.3	1 48.33	3.5508	0.0085	20 17 37.9	5.038	0.503	81.5	173 200 369 371	20 890
1653	8.7	2 6.11	3.6255	0.0092	23 8 25.1	5.013	0.514	81.3	185 186 338	23 863
1654	8.6	2 11.95	3.5867	0.0088	21 40 21.3	5.004	0.509	81.6	190 208 412	21 774
1655	8.2	2 23.08	3.5909	0.0088	21 49 34.5	4.989	0.509	80.7	37 40 366	21 776
1656	9.1	5 2 33.28	+3.5636	+0.0085	+20 46 25.0	+4.974	−0.506	81.6	173 200 420	20 896
1657	7.7	2 43.04	3.5950	0.0088	21 58 31.5	4.960	0.510	81.5	185 186 406	21 778
1658	9.2	2 47.16	3.6669	0.0095	24 39 27.6	4.955	0.520	81.8	215 346 356	24 770
1659	8.5	2 49.09	3.5910	0.0087	21 49 13.9	4.952	0.510	80.7	37 40 368	21 779
1660	9.2	2 54.12	3.6492	0.0093	24 0 11.4	4.945	0.518	80.9	11 17 369 371	23 870
1661	9.2	5 3 1.22	+3.6038	+0.0088	+22 18 8.7	+4.935	−0.511	81.6	190 208 412	22 843
1662	8.6[1]	3 4.64	3.6762	0.0095	24 59 16.9	4.930	0.522	82.0	215 364 420	24 772
1663	8.8	3 10.68	3.6687	0.0094	24 42 41.4	4.921	0.521	82.3	338 346 417	24 773
1664	8.8	3 14.88	3.6560	0.0093	24 14 41.1	4.915	0.519	82.0	215 363 420	24 774
1665	8.2	3 22.30	3.5546	0.0084	20 24 37.6	4.905	0.505	81.5	173 200 406	20 897
1666	8.9	5 3 25.35	+3.6239	+0.0090	+23 2 56.8	+4.901	−0.515	80.8	11 17 349 351	23 872
1667	8.3	3 29.14	3.5864	0.0086	21 37 55.9	4.895	0.509	81.6	190 208 417	21 783
1668	7.8	3 38.48	3.6202	0.0089	22 54 21.7	4.882	0.514	81.6	185 186 417	22 847
1669	8.5	3 41.66	3.6565	0.0092	24 15 11.1	4.878	0.519	81.8	215 346 356	24 776
1670	8.2	3 47.91	3.5952	0.0087	21 57 32.2	4.869	0.511	81.5	190 208 369 371	21 785
1671	8.5	5 3 49.33	+3.6017	+0.0087	+22 12 18.2	+4.867	−0.512	82.0	338 363 368	22 848
1672	9.0	3 49.68	3.5849	0.0086	21 33 55.8	4.866	0.509	80.7	37 40 366	21 786
1673	9.0	4 4.09	3.6665	0.0093	24 36 42.8	4.846	0.521	82.2	338 363 412	24 779
1674	8.0	4 34.38	3.6536	0.0091	24 7 27.6	4.803	0.519	81.3	190 208 356	24 782
1675	9.1	5 13.99	3.5885	0.0084	21 40 35.8	4.747	0.511	80.7	37 40 366	21 792
1676	8.2	5 5 25.75	+3.6573	+0.0090	+24 14 40.9	+4.730	−0.520	81.8	190 208 364 417	24 787
1677	8.9	5 59.06	3.6817	0.0092	25 7 8.7	4.683	0.524	82.0	338 356 363	25 800
1678	9.2	5 59.42	3.6781	0.0091	24 59 17.0	4.682	0.524	81.8	215 346 349 351	24 788
1679	8.8	6 14.00	3.6715	0.0090	24 44 29.1	4.662	0.523	81.8	215 346 349 351	24 791
1680	8.7	6 36.24	3.6126	0.0085	22 33 27.6	4.630	0.515	81.3	185 186 364	22 855
1681	7.5	5 6 38.42	+3.5735	+0.0081	+21 4 27.3	+4.627	−0.509	80.5	37 40 173 200	21 796
1682	8.4	6 47.25	3.6115	0.0084	22 30 42.1	4.615	0.515	81.3	185 186 368	22 856
1683	9.3	7 19.72	3.6461	0.0087	23 47 24.3	4.568	0.520	81.3	11 17 364 417	23 879
1684	9.3	7 32.52	3.6423	0.0086	23 38 42.5	4.550	0.519	81.4	190 208 366	23 880
1685	9.0	7 35.81	3.6744	0.0089	24 49 4.0	4.546	0.524	81.9	215 346 369 371	24 797
1686	8.7	5 7 39.16	+3.6435	+0.0086	+23 41 3.8	+4.541	−0.520	80.6	11 17 363	23 881
1687	8.8	7 41.10	3.6622	0.0088	24 22 17.6	4.538	0.522	82.0	338 346 356	24 798
1688	8.7	7 41.97	3.5808	0.0081	21 19 49.3	4.537	0.511	80.7	37 40 368	21 800
1689	6.4	7 56.92	3.6022	0.0082	22 8 22.1	4.516	0.514	81.8	185 186 366 412	22 864
1690	8.3	8 6.54	3.5874	0.0081	21 34 33.1	4.502	0.512	80.5	37 40 173 200	21 801
1691	9.1	5 8 12.51	+3.6714	+0.0088	+24 41 43.9	+4.493	−0.524	81.3	190 208 215 363	24 803
1692	8.8	9 3.92	3.6522	0.0085	23 58 32.5	4.420	0.521	81.2	5 Beob.[2]	23 885
1693	9.1	9 18.14	3.6799	0.0087	24 58 42.0	4.400	0.526	81.3	190 208 338	24 807
1694	7.0	9 55.16	3.6499	0.0084	23 52 21.2	4.347	0.521	81.3	11 17 364 417	23 888
1695	8.7	9 59.69	3.6180	0.0081	22 41 23.2	4.341	0.517	81.3	185 186 366	22 874
1696	9.0	5 10 7.62	+3.5875	+0.0078	+21 32 22.3	+4.330	−0.513	80.7	37 40 368	21 808
1697	8.8	10 12.76	3.5547	0.0076	20 17 0.2	4.322	0.508	81.5	173 200 406	20 910
1698	8.9	10 13.44	3.5577	0.0076	20 23 46.7	4.321	0.509	81.5	173 200 369 371	20 909
1699	7.4	11 2.29	3.5910	0.0077	21 39 22.7	4.252	0.514	80.7	37 40 366	21 813
1700	9.0	11 40.22	3.5891	0.0076	21 34 23.3	4.198	0.514	81.5	190 208 349 351	21 815

[1] Z. 215 obl. [2] Z. 11 17 346 349 351

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1701	5.5	5h 11m 46s.06	+3s.5996	+0s.0077	+21° 57′ 53″.5	+4″.189	−0″.515	81.3	37 40 366 412	21° 816
1702	8.7	11 49.15	3.6685	0.0082	24 30 53.8	4.185	0.525	81.9	215 346 420	24 816
1703	9.2	11 58.33	3.6352	0.0080	23 17 35.8	4.172	0.520	80.6	5 Beob.[1]	23 893
1704	9.4	12 1.59	3.6836	0.0083	25 3 21.1	4.167	0.527	82.1	349 351 363	25 816pr.
1705	8.9	12 1.84	3.5505	0.0073	20 5 9.3	4.167	0.508	81.3	173 200 368	20 918
1706	9.1	5 12 2.60	+3.6835	+0.0083	+25 3 5.9	+4.166	−0.527	82.0	338 363	25 816s.
1707	9.1	12 22.11	3.6627	0.0081	24 17 31.7	4.138	0.525	81.8	215 346 349 351	24 817
1708	9.3	12 29.88	3.6648	0.0081	24 22 4.0	4.127	0.525	81.9	215 346 369 371	24 819
1709	8.8	12 30.40	3.6791	0.0082	24 53 3.8	4.126	0.527	82.2	338 363 412	24 818
1710	8.6	12 37.09	3.6835	0.0083	25 2 25.0	4.117	0.528	82.2	5 Beob.[2]	25 818
1711	8.9	5 12 38.04	+3.5750	+0.0074	+21 1 12.3	+4.115	−0.512	80.9	37 40 412	20 924
1712	9.3	12 56.08	3.6323	0.0078	23 9 55.1	4.089	0.520	81.3	185 186 368	23 898
1713	8.8	12 57.73	3.6545	0.0080	23 58 48.7	4.087	0.523	80.9	11 17 369 371	23 899
1714	8.0	13 11.70	3.5669	0.0073	20 41 59.9	4.067	0.511	81.6	173 200 420	20 929
1715	8.9	13 18.35	3.6526	0.0079	23 54 26.1	4.058	0.523	81.6	190 208 364 366	} 23 902
1716	8.9	5 13 18.86	+3.6527	+0.0079	+23 54 33.1	+4.057	−0.523	81.3	5 Beob.[3]	}
1717	8.5	14 25.04	3.6239	0.0075	22 49 39.9	3.962	0.520	81.5	185 186 406	22 884
1718	9.0	14 47.12	3.5778	0.0072	21 5 22.1	3.931	0.513	80.7	37 40 368	21 821
1719	8.9	15 1.00	3.6033	0.0073	22 2 48.5	3.911	0.517	81.5	185 186 369 371	22 886
1720	9.0	15 7.37	3.6832	0.0079	24 58 46.6	3.902	0.529	81.3	190 215 346	24 824
1721	8.5	5 16 20.09	+3.5620	+0.0069	+20 27 31.8	+3.798	−0.512	81.5	173 200 406	20 941
1722	7.8[4]	16 20.63	3.6800	0.0077	24 50 26.5	3.797	0.529	81.5	190 208 346 356	24 826
1723	8.8	16 29.75	3.5573	0.0068	20 16 40.3	3.784	0.511	81.5	173 200 412	20 942
1724	9.0	16 44.73	3.5735	0.0069	20 53 31.3	3.762	0.513	81.7	190 215 420	20 944
1725	8.5	16 48.00	3.6078	0.0071	22 11 12.0	3.758	0.518	81.6	185 186 417	22 891
1726	8.5	5 16 51.25	+3.5508	+0.0068	+20 1 19.2	+3.753	−0.510	81.0	173 200	20 945
1727	8.9	17 10.39	3.6568	0.0074	23 59 22.3	3.726	0.526	82.0	338 346 364	23 911
1728	9.2	17 12.03	3.5869	0.0069	21 23 33.6	3.723	0.516	80.1	37 40	21 827
1729	9.2	17 12.85	3.6427	0.0073	23 28 13.2	3.722	0.524	80.9	11 17 369 371	23 909
1730	8.9	17 16.46	3.5703	0.0068	20 45 45.9	3.717	0.513	82.0	215 363 420	20 946
1731	8.9	5 17 16.75	+3.6260	+0.0072	+22 51 18.7	+3.717	−0.521	81.4	185 186 349 351	22 893
1732	6.3	17 44.60	3.5628	0.0067	20 28 1.7	3.677	0.512	81.0	173 200	20 948
1733	9.2	18 0.62	3.5981	0.0069	21 48 11.3	3.654	0.518	80.1	37 40	21 837
1734	9.0	18 24.10	3.5775	0.0067	21 1 6.7	3.620	0.515	82.1	364 366	20 951
1735	8.4	18 24.16	3.5948	0.0068	21 40 17.6	3.620	0.517	80.1	37 40	21 839
1736	9.3	5 18 32.22	+3.6227	+0.0070	+22 42 46.8	+3.608	−0.521	82.5	349 366 406 427,2	} 22 900
1737	9.4	18 33.61	3.6226	0.0070	22 42 31.9	3.606	0.521	82.6	356 406 427,2	}
1738	9.4	18 34.51	3.5802	0.0067	21 7 2.4	3.605	0.515	81.7 81.9	173[5] 200 366 406	21 840
1739	8.8	18 39.54	3.6573	0.0072	23 58 52.9	3.598	0.526	82.6	338 421 427,2	23 914
1740	9.0	19 0.87	3.6905	0.0074	25 10 18.0	3.567	0.531	82.3	356 363 410	25 830
1741	8.5	5 19 2.93	+3.6829	+0.0074	+24 53 58.2	+3.564	−0.530	82.0	346 349 351	24 831
1742	9.2	19 20.89	3.5796	0.0066	21 5 2.3	3.539	0.515	80.9	37 40 406	21 843
1743	8.8	19 26.08	3.6269	0.0069	22 51 9.1	3.531	0.522	81.0	185 186	22 907
1744	9.0	19 32.01	3.6610	0.0071	24 6 6.5	3.523	0.527	82.0	338 359	24 833
1745	9.1	19 44.64	3.6309	0.0069	22 59 48.0	3.504	0.523	82.1	349 351 354 357	22 909
1746	8.9	5 19 53.38	+3.6757	+0.0072	+24 37 26.2	+3.492	−0.529	82.3	338 359 421	24 835
1747	8.8	19 56.62	3.5875	0.0066	21 22 18.9	3.487	0.517	81.6	173 200 417	21 845
1748	9.1	20 5.13	3.6647	0.0071	24 13 28.8	3.475	0.528	81.9	215 346 420	24 836
1749	6.0	20 7.68	3.5997	0.0067	21 49 40.6	3.471	0.519	81.3	37 40 374 412	21 847
1750	8.6	20 20.45	3.6363	0.0069	23 11 10.1	3.453	0.524	81.5	205 217a 219 417	23 916

[1] Z. 11 17 185 186 190 [2] Z. 338 364 366 368 406 [3] Z. 17 190 208 364 366 [4] Dupl. 1″-2″ med. [5] δ Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1751	8.8	5^h 20^m $25^s.71$	$+3^s.5867$	$+0^s.0066$	+21° 20′ 16″.3	+3″.445	−0″.517	81.9	200 357 406	21° 848
1752	8.6	20 33.27	3.6266	0.0068	22 49 31.3	3.435	0.523	81.6	185 186 410	22 912
1753	8.7	20 50.49	3.5869	0.0065	21 20 14.0	3.410	0.517	81.4	190 208 368	21 852
1754	7.7	20 52.61	3.6217	0.0067	22 38 12.7	3.407	0.522	81.4 81.1	43[1] 174 338	22 914
1755	8.6	21 8.83	3.5890	0.0065	21 24 41.8	3.383	0.517	81.0	37 40 369 371	21 854
1756	8.8	5 21 10.70	+3.6549	+0.0069	+23 51 12.4	+3.381	−0.527	80.6	11 17 356	23 920
1757	9.1	21 11.20	3.5936	0.0065	21 35 3.7	3.380	0.518	81.5	5 Beob.[2]	21 855
1758	9.0	21 29.77	3.6622	0.0069	24 6 37.3	3.353	0.528	81.3	205 217[a] 219 368	24 840
1759	7.7	21 32.38	3.5608	0.0063	20 20 15.4	3.350	0.513	81.4	190 208 374	20 961
1760	7.8	21 34.85	3.6882	0.0070	25 2 44.1	3.346	0.532	81.8	5 Beob.[3]	25 839
1761	6.9	5 21 34.95	+3.6882	+0.0070	+25 2 49.1	+3.346	−0.532	81.8	5 Beob.[4]	
1762	9.0	21 41.72	3.5543	0.0062	20 5 2.4	3.336	0.512	81.0	173 200 214 221	20 963
1763	8.2	21 47.17	3.5839	0.0064	21 12 44.6	3.328	0.517	80.7	37 40 366	21 857
1764	8.4	22 26.60	3.6501	0.0067	23 39 24.4	3.272	0.527	80.6	11 17 354	23 922
1765	8.6	22 39.09	3.5860	0.0063	21 16 45.9	3.254	0.517	80.6	37 40 214 221	21 865
1766	8.3	5 22 42.89	+3.6171	+0.0064	+22 26 20.8	+3.248	−0.522	80.9	43 174 364	22 922
1767	7.0	22 49.23	3.5642	0.0062	20 27 2.6	3.239	0.514	81.3	173 200 368	20 969
1768	9.1	22 56.21	3.6796	0.0068	24 42 58.3	3.229	0.531	81.3	205 217[a] 219 356	24 843
1769	8.8	23 8.50	3.6128	0.0064	22 16 22.6	3.211	0.521	81.5	185 186 369 371	22 924
1770	7.0	23 10.68	3.6152	0.0064	22 21 46.3	3.208	0.522	81.1	43 174 374	22 925
1771	9.0	5 23 29.54	+3.6356	+0.0065	+23 6 43.2	+3.181	−0.525	80.6	11 17 359	23 926
1772	8.4	23 40.30	3.5551	0.0060	20 5 25.7	3.166	0.513	81.0	173 200 214 221	20 974
1773	9.2	23 41.93	3.6575	0.0066	23 54 24.4	3.163	0.528	81.3	205 219 338	23 927
1774	8.9	23 52.07	3.6081	0.0063	22 5 25.8	3.149	0.521	80.8	43 174 185 186	22 928
1775	8.8	24 18.98	3.6852	0.0066	24 53 50.2	3.110	0.532	81.1	205 215 217[a] 219	24 846
1776	9.0	5 24 25.08	+3.5948	+0.0061	+21 35 7.7	+3.101	−0.519	80.7	37 40 363	21 882
1777	8.9	24 27.97	3.5704	0.0060	20 39 52.3	3.097	0.516	81.5	173 200 369 371	20 977
1778	9.0	24 29.79	3.6852	0.0066	24 53 38.2	3.094	0.532	82.0	338 346 364	24 847
1779	9.1	24 38.32	3.5783	0.0060	20 57 43.3	3.082	0.517	81.1	190 208 221	20 978
1780	9.0	24 46.80	3.6287	0.0062	22 50 26.3	3.070	0.524	81.0	43 174 368	22 936
1781	9.1	5 24 58.86	+3.6413	+0.0063	+23 18 1.0	+3.052	−0.526	80.5	11 17 185 186	23 936
1782	9.2	25 3.36	3.5772	0.0059	20 54 52.3	3.046	0.517	81.1	214	[20 981]
1783	8.7	25 9.47	3.5749	0.0059	20 49 24.9	3.037	0.517	81.3	173 200 366	20 982
1784	8.7	25 25.84	3.6683	0.0064	24 16 26.9	3.013	0.530	81.4	205 217[a] 219 364	24 850
1785	8.1	25 30.61	3.6347	0.0062	23 3 0.0	3.007	0.525	81.3	185 186 363	23 938
1786	8.5	5 25 44.73	+3.6297	+0.0061	+22 51 54.0	+2.986	−0.525	81.0	43 174 368	22 942
1787	7.6	25 50.85	3.6758	0.0064	24 32 18.2	2.977	0.531	81.9	215 346 369 371	24 854
1788	8.6	25 58.23	3.6403	0.0062	23 15 3.2	2.967	0.526	80.5	11 17 185 186	23 942
1789	6.5	26 13.05	3.5636	0.0057	20 22 59.8	2.945	0.515	81.8	190 208 374 421	20 989
1790	8.7	26 20.97	3.5781	0.0058	20 55 50.9	2.934	0.517	81.1	214 215 221	20 990
1791	8.5	5 26 41.34	+3.5793	+0.0058	+20 58 19.0	+2.905	−0.518	81.1	214 215 221	20 993
1792	8.9	26 41.45	3.5647	0.0057	20 25 6.7	2.904	0.516	81.4	190 208 363	20 991
1793	8.7	27 6.85	3.5944	0.0058	21 32 4.0	2.868	0.520	81.0	37 40 369 371	21 892
1794	9.0	27 10.83	3.6093	0.0058	22 5 18.9	2.862	0.522	81.0	174 185 186	22 947
1795	9.4	27 23.27	3.6725	0.0061	24 23 53.2	2.844	0.532	82.0	338 346 356 368	24 866
1796	8.4	5 27 23.29	+3.6199	+0.0059	+22 28 54.1	+2.844	−0.524	82.3	354 357 417	22 949
1797	7.4	27 24.79	3.6671	0.0061	24 12 14.4	2.842	0.531	82.2	346 349 351 406	24 868
1798	8.7	27 36.84	3.5580	0.0055	20 9 14.3	2.824	0.515	81.1	214 215 221	20 1002
1799	8.6	27 42.39	3.6877	0.0062	24 56 12.2	2.816	0.534	82.1	349 351 359	24 869
1800	8.9	27 43.84	3.6458	0.0060	23 25 37.7	2.814	0.528	80.9	11 17 419	23 951

[1] α ausgeschl., δ Gew. ½ [2] Z. 190 208 349 351 354 [3] Z. 215 346 356 359 363 [4] Z. 215 346 356 359 363

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
1801	5.8	5h 27m 49s.08	+3s.6604	+0s.0060	+23° 57′ 15″.9	+2″.807	−0″.530	80.6	11 17 374	23° 954
1802	8.7	27 53.32	3.6166	0.0058	22 21 11.3	2.801	0.523	81.3	185 186 364	22 952
1803	8.8	27 53.97	3.6741	0.0061	24 26 49.4	2.800	0.532	81.9	338 346	24 870
1804	8.1	27 57.11	3.5836	0.0056	21 7 12.6	2.795	0.519	80.1	37 40	21 896
1805	8.9	27 59.26	3.5860	0.0056	21 12 34.0	2.792	0.519	80.1	37 40	21 897
1806	9.3	5 28 8.69	+3.6851	+0.0061	+24 50 18.2	+2.778	−0.533	82.1	356 363	24 871
1807	8.3	28 11.66	3.5757	0.0056	20 49 11.8	2.774	0.518	81.1	214 215 221	20 1009
1808	8.0	28 11.67	3.5890	0.0056	21 19 6.4	2.774	0.520	82.5	366 406	21 899
1809	8.6	28 16.88	3.6072	0.0057	21 59 55.4	2.767	0.522	80.5	43 174	21 900
1810	8.6	28 18.04	3.6803	0.0060	24 39 53.3	2.765	0.533	82.1	349 351 359	24 873
1811	9.0	5 28 19.85	+3.5635	+0.0055	+20 21 10.7	+2.762	−0.516	82.1	354 357	20 1010
1812	9.3	28 24.66	3.6741	0.0060	24 26 22.2	2.755	0.532	83.1	417 427,2	[24 874]
1813	8.9	28 28.43	3.6728	0.0060	24 23 40.3	2.750	0.532	82.7	7 Beob.[1]	24 875
1814	9.3	28 28.53	3.6170	0.0057	22 21 31.9	2.750	0.524	82.7	369 410 420	22 953
1815	9.3	28 29.40	3.6745	0.0060	24 27 19.8	2.749	0.532	83.1	427,2	[24 876]
1816	9.1	5 28 48.32	+3.6644	+0.0060	+24 5 8.5	+2.721	−0.531	82.3	338 359 419	24 881
1817	8.2	28 48.97	3.6699	0.0060	24 17 8.7	2.720	0.531	82.1	364 368	24 882
1818	8.8	28 54.73	3.5835	0.0055	21 6 13.3	2.712	0.519	82.1	363 366	21 901
1819	8.3	28 55.54	3.6051	0.0056	21 54 46.9	2.711	0.522	82.9	406a 410 412	} 21 902
1820	7.8	28 55.81	3.6051	0.0056	21 54 47.0	2.710	0.522	82.5	369 371 406 412	}
1821	9.2	5 28 55.89	+3.6920	+0.0060	+25 4 19.3	+2.710	−0.535	82.1	356 363	25 881
1822	9.0	28 56.66	3.5668	0.0054	20 28 23.8	2.709	0.517	82.1	354 357	20 1014
1823	8.7	29 15.79	3.6444	0.0057	23 21 16.7	2.682	0.528	81.6	215 364	23 961
1824	8.9	29 19.32	3.6372	0.0057	23 5 32.0	2.676	0.527	82.1	356 359	23 962
1825	9.3	29 24.62	3.6271	0.0056	22 43 12.9	2.669	0.525	82.7	366 410 420	22 957
1826	9.2	5 29 26.32	+3.6496	+0.0057	+23 32 34.7	+2.666	−0.529	82.5	349 351 421	23 964
1827	9.0	29 30.75	3.6665	0.0058	24 9 18.6	2.660	0.531	82.3	338 346 419	24 889
1828	8.8	29 34.05	3.6086	0.0055	22 2 9.9	2.655	0.523	82.5	368 412	22 959
1829	7.7	29 36.34	3.5720	0.0054	20 39 49.1	2.652	0.518	82.1	354 357	20 1018
1830	9.0	29 39.17	3.5619	0.0053	20 16 44.8	2.648	0.516	82.1	354 357	20 1019
1831	9.3	5 29 43.14	+3.6485	+0.0057	+23 29 56.6	+2.642	−0.529	82.1	349 351 364	23 969
1832	9.1	29 54.88	3.5994	0.0055	21 41 14.7	2.625	0.522	82.6	366 420	21 906
1833	8.7	29 58.91	3.6318	0.0056	22 53 19.9	2.619	0.526	82.5	371 412	22 961
1834	8.5	30 1.69	3.6365	0.0056	23 3 34.6	2.615	0.527	82.1	359 374	23 973
1835	8.8	30 3.30	3.6368	0.0056	23 4 6.3	2.613	0.527	82.4	215 410 421	23 974
1836	8.9	5 30 4.26	+3.6253	+0.0055	+22 38 44.5	+2.611	−0.525	82.6	366 420	22 962
1837	**3.3**	**30 10.49**	**3.5828**	**0.0053**	**21 3 50.8**	**2.602**	**0.519**		**Fund. Cat.**	**21 908**
1838	8.9	30 16.75	3.6665	0.0057	24 8 33.5	2.593	0.531	81.9	338 346	24 894
1839	8.7	30 25.93	3.6184	0.0055	22 23 14.0	2.580	0.524	82.3	354 357 410	22 963
1840	8.9	30 28.47	3.6691	0.0057	24 14 12.4	2.576	0.532	82.3	338 359 417	24 895
1841	8.8	5 30 38.78	+3.6032	+0.0054	+21 49 16.7	+2.562	−0.522	81.0	190 208	21 912
1842	8.9	30 44.44	3.6063	0.0054	21 56 16.8	2.553	0.523	82.3	364 368 412	21 913
1843	9.1	31 13.88	3.5600	0.0051	20 11 20.2	2.511	0.516	81.6	214 221 410	20 1027
1844	10	31 27.71	3.6766	0.0056	24 29 37.7	2.491	0.533	83.1	427,2	— —
1845	8.7	31 28.86	3.6103	0.0053	22 4 30.8	2.489	0.524	82.1	354 357	22 969
1846	9.1	5 31 33.08	+3.6413	+0.0054	+23 12 59.8	+2.483	−0.528	83.1	420 426,1 432	} 23 981
1847	8.6	31 33.37	3.6413	0.0054	23 12 54.9	2.483	0.528	82.4	215 412 419	}
1848	9.8	31 33.30	3.6753	0.0056	24 26 42.7	2.483	0.533	82.8	366 417 422 427,2	— —
1849	7.8	31 39.24	3.6422	0.0054	23 14 57.0	2.474	0.528	82.3	349 351 363 419	23 982
1850	7.2	31 56.77	3.6000	0.0052	21 41 25.0	2.449	0.522	81.0	190 208	21 918

[1] Z. 338 346 412 417 421 429 432

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1851	9.4	5h 32m 12s.29	+3s.6762	+0s.0055	+24° 28' 8".1	+2".426	−0".533	83.1	431 432	24° 908
1852	7.9	32 12.77	3.6673	0.0055	24 9 5.4	2.426	0.532	81.1	205 217a 219	24 909
1853	8.9	32 16.72	3.6395	0.0053	23 8 36.4	2.420	0.528	81.6	215 363	23 987
1854	9.0[1]	32 17.50	3.6527	0.0054	23 37 26.5	2.419	0.530	82.1	349 351 364	23 988
1855	9.1	32 19.95	3.5647	0.0050	20 21 23.9	2.415	0.517	81.0	190 208	20 1033
1856	8.8[2]	5 32 29.78	+3.6210	+0.0052	+22 27 47.9	+2.401	−0.525	81.4	198 207 368	22 978
1857	9.5[3]	32 30.22	3.6767	0.0054	24 29 6.0	2.400	0.533	83.1	429	[24 910]
1858	8.8	32 34.14	3.6916	0.0055	25 0 44.7	2.395	0.536	81.4	181b 197 203 410	25 907
1859	9.0	32 34.48	3.6882	0.0055	24 53 40.3	2.394	0.535	82.3	356 359 420	24 911
1860	8.8	32 35.29	3.6286	0.0052	22 44 30.9	2.393	0.527	81.1	198 207	22 979
1861	9.2	5 32 35.60	+3.6751	+0.0054	+24 25 36.2	+2.392	−0.533	82.3	338 346 422	24 912
1862	8.0	32 38.36	3.6763	0.0054	24 28 1.9	2.388	0.534	82.0	7 Beob.[4]	24 913
1863	8.8	32 39.32	3.5662	0.0050	20 24 39.8	2.387	0.517	81.1	214 221	20 1034
1864	8.8	32 39.82	3.5890	0.0051	21 16 7.4	2.386	0.521	80.1	37 40 44	21 922
1865	8.9	32 40.12	3.6447	0.0053	23 19 46.5	2.386	0.529	80.9	11 17 417	23 991
1866	8.7	5 32 45.44	+3.5876	+0.0050	+21 12 54.4	+2.378	−0.521	81.0	44 46 421	21 923
1867	9.3	32 50.45	3.6121	0.0051	22 7 38.8	2.371	0.524	81.1	43 174 371	22 980
1868	9.0	32 52.78	3.6147	0.0051	22 13 35.1	2.368	0.525	82.1	349 354 357	22 981
1869	8.9	32 55.60	3.5995	0.0051	21 39 35.2	2.363	0.522	82.3	364 366 412	21 924
1870	8.0	33 26.34	3.6713	0.0053	24 16 51.5	2.319	0.533	81.3	181b 197 203 374	24 918
1871	9.3	5 33 33.75	+3.5981	+0.0050	+21 36 2.6	+2.308	−0.522	81.6	37 40 419 420	21 926
1872	8.6	33 38.46	3.5889	0.0049	21 15 26.8	2.301	0.521	80.8	46 214 221	21 928
1873	9.4	33 56.94	3.6350	0.0051	22 57 33.2	2.275	0.528	81.8	215 346 354	22 987
1874	9.0	34 2.04	3.6701	0.0052	24 13 45.6	2.267	0.533	81.2	181b 197 203 356	24 919
1875	9.0	34 2.73	3.6473	0.0051	23 24 23.4	2.266	0.529	81.4	17 338 417	23 1005
1876	8.3	5 34 10.96	+3.6309	+0.0050	+22 48 27.1	+2.254	−0.527	81.6	198 207 421	22 989
1877	8.6	34 16.14	3.6258	0.0050	22 37 18.2	2.247	0.526	82.0	215 357 422	22 991
1878	8.1	34 18.06	3.6708	0.0052	24 15 8.9	2.244	0.533	81.0	181b 197 203	24 920
1879	6	34 19.00	3.6433	0.0051	23 15 37.3	2.243	0.529	82.3	346 356 406	23 1007
1880	8.1	34 26.48	3.6222	0.0050	22 29 9.3	2.232	0.526	82.1	349 351 363	22 993
1881	9.5	5 34 28.05	+3.6343	+0.0050	+22 55 57.2	+2.230	−0.528	82.1	359 366	22 997pr.
1882	8.7	34 29.38	3.5673	0.0048	20 26 4.6	2.228	0.518	81.1	190 208 214 221	20 1049
1883	6.5	34 30.55	3.6252	0.0050	22 35 42.7	2.226	0.527	82.1	354 357 374	22 996
1884	9.4	34 31.95	3.6348	0.0050	22 56 53.0	2.224	0.528	82.1	359 371	22 997s.
1885	9.2	34 34.13	3.5959	0.0048	21 30 39.4	2.221	0.522	81.0	37 40 421	21 935
1886	8.7	5 34 36.05	+3.5960	+0.0048	+21 30 53.0	+2.218	−0.522	82.6	364 368 419 420	21 937
1887	9.0	34 39.02	3.6235	0.0049	22 31 59.4	2.214	0.526	82.1	349 351 363	22 999
1888	8.5	34 42.13	3.6174	0.0049	22 18 22.0	2.209	0.525	81.2	43 174 422	22 1000
1889	8.2	34 58.11	3.5704	0.0047	20 32 55.0	2.186	0.518	81.0	190 208	20 1054
1890	8.6	35 10.08	3.5962	0.0048	21 30 53.4	2.169	0.522	80.2	44 46	21 941
1891	8.3	5 35 19.54	+3.5912	+0.0047	+21 19 32.6	+2.155	−0.522	80.1	37 40	21 942
1892	8.5	35 22.54	3.6322	0.0049	22 50 39.9	2.151	0.528	81.6	198 207 417	22 1002
1893	8.4	35 27.12	3.6201	0.0048	22 23 54.3	2.144	0.526	82.1	349 351 359	22 1003
1894	8.3	35 28.56	3.6259	0.0048	22 36 46.7	2.142	0.527	81.6	215 357	22 1004
1895	9.0	35 30.74	3.6550	0.0049	23 40 23.5	2.139	0.531	80.6	11 17 374	23 1014
1896	8.8	5 35 35.88	+3.6266	+0.0048	+22 38 17.4	+2.131	−0.527	82.1	215 357 419	22 1006
1897	6.3	35 44.14	3.6405	0.0049	23 8 34.4	2.119	0.529	82.3	338 346 420	23 1015
1898	8.2	35 47.49	3.6649	0.0050	24 1 27.5	2.114	0.532	81.6	205 217a 219 421	24 931
1899	8.8	35 48.89	3.6135	0.0048	22 9 3.2	2.112	0.525	80.5	43 174	} 22 1007
1900	8.8	35 49.24	3.6135	0.0048	22 9 3.2	2.112	0.525	81.5	174 354	

[1] Maj. seq. [2] Dupl. maj. [3] Gr. nach BD [4] Z. 205 217a 219 369 371 419 429

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1901	8.1	5h 35m 52s.65	+3s.5921	+0s.0047	+21° 21′ 18″.7	+2″.107	−0″.522	80.2	44 46	21° 946
1902	8.8	36 1.47	3.6925	0.0050	25 0 30.2	2.094	0.536	81.0	181b 197 203	24 934
1903	8.4	36 4.42	3.6044	0.0047	21 48 45.9	2.090	0.524	82.1	363 366	21 947
1904	8.8	36 11.21	3.5680	0.0046	20 26 42.0	2.080	0.518	81.4	190 208 368	20 1064
1905	9.0	36 11.86	3.5660	0.0045	20 22 11.0	2.079	0.518	81.1	190 214 221	20 1065
1906	8.7	5 36 16.40	+3.6961	+0.0050	+25 8 0.1	+2.072	−0.537	81.3	181b 197 203 422	25 943
1907	8.7	36 22.16	3.6066	0.0047	21 53 30.2	2.064	0.524	80.1	37 40	21 949
1908	8.9	36 26.00	3.6809	0.0049	24 35 29.6	2.059	0.535	81.1	205 219	24 936
1909	9.1	36 39.34	3.6374	0.0047	23 1 25.2	2.039	0.529	80.9	11 17 420	23 1021
1910	8.6	36 54.99	3.5911	0.0045	21 18 33.8	2.016	0.522	80.2	44 46	21 953
1911	8.3	5 36 56.52	+3.6885	+0.0049	+24 51 31.6	+2.014	−0.536	81.5	181b 197 203 421	24 940
1912	8.2	37 4.20	3.6359	0.0047	22 57 46.5	2.003	0.528	81.8	43 346 419	22 1015
1913	8.7	37 13.15	3.6393	0.0047	23 5 15.0	1.990	0.529	81.9	215 346 422	23 1026
1914	8.8[1]	37 14.77	3.5735	0.0044	20 38 43.5	1.988	0.519	81.5	190 354	20 1070
1915	8.9	37 14.78	3.6067	0.0046	21 53 10.2	1.988	0.524	82.1	349 351 357	21 954
1916	8.0	5 37 20.42	+3.5692	+0.0044	+20 29 0.5	+1.980	−0.519	81.1	214 221	20 1073
1917	8.5	37 23.44	3.6330	0.0046	22 51 12.2	1.975	0.528	81.1	198 207	22 1017
1918	8.4	37 26.80	3.5937	0.0045	21 24 13.1	1.970	0.522	80.7	37 40 351	21 958
1919	8.4	37 30.07	3.6822	0.0048	24 37 41.3	1.966	0.535	81.6	205 217a 219 412	24 942
1920	9.0	37 34.10	3.5942	0.0045	21 25 16.6	1.960	0.522	82.1	349 357 371	21 959
1921	8.5	5 37 34.11	+3.6748	+0.0047	+24 21 50.0	+1.960	−0.534	82.0	338 359	24 943
1922	9.1	37 35.82	3.6139	0.0045	22 9 0.7	1.957	0.525	81.6	198 207 417	22 1021
1923	8.9	37 45.34	3.6464	0.0046	23 20 15.3	1.943	0.530	80.0	11 17	23 1030
1924	9.0	37 49.63	3.6854	0.0047	24 44 26.8	1.937	0.536	81.7	205 219 421	24 947
1925	9.2[2]	37 50.16	3.6941	0.0048	25 2 54.1	1.936	0.537	81.0	181b	[25 959]
1926	8.4	5 37 50.73	+3.5945	+0.0044	+21 25 45.0	+1.936	−0.523	80.2	44 46	21 965
1927	7.7	37 50.86	3.6945	0.0048	25 3 43.5	1.935	0.537	81.0	181b 197 203	25 961
1928	8.3	38 7.98	3.5686	0.0043	20 27 18.5	1.911	0.519	81.1	214 221	20 1082
1929	9.1	38 10.27	3.6563	0.0046	23 41 42.8	1.907	0.532	81.6	215 359	23 1034
1930	7.2[3]	38 12.47	3.5736	0.0043	20 38 24.9	1.904	0.520	82.0	221 354 406	20 1083
1931	8.9	5 38 16.19	+3.5938	+0.0044	+21 23 54.3	+1.899	−0.523	82.1	349 351 363	21 972
1932	8.7	38 16.68	3.6275	0.0045	22 38 47.6	1.898	0.527	81.0	43 174 354	22 1024
1933	8.2	38 17.66	3.6696	0.0046	24 10 15.6	1.896	0.534	81.1	205 217a 219	24 950
1934	8.2	38 21.28	3.6563	0.0046	23 41 38.6	1.891	0.532	82.0	338 359	23 1036
1935	8.0	38 23.31	3.6013	0.0044	21 40 37.7	1.888	0.524	82.5	368 412	21 975
1936	7.5[4]	5 38 31.84	+3.5903	+0.0043	+21 15 55.6	+1.876	−0.522	80.1	37 40	21 978
1937	8.2	38 33.98	3.5619	0.0042	20 11 47.7	1.873	0.518	82.1	364 366	20 1085
1938	8.6	38 35.01	3.5894	0.0043	21 13 59.3	1.871	0.522	82.1	363 371	21 979
1939	9.0	38 36.61	3.5628	0.0042	20 13 44.8	1.869	0.518	82.1	364 366	20 1087
1940	8.3	38 36.71	3.6296	0.0045	22 43 12.5	1.869	0.528	80.5	43 174	22 1025
1941	8.9	5 38 38.76	+3.6144	+0.0044	+22 9 31.8	+1.866	−0.526	81.6	198 207 417	22 1026
1942	8.6	38 39.35	3.5938	0.0043	21 23 49.1	1.865	0.523	80.2	44 46	21 980
1943	8.7	38 41.67	3.6380	0.0045	23 1 32.1	1.862	0.529	82.5	356 420	23 1039
1944	8.7	39 6.59	3.5636	0.0042	20 15 17.9	1.825	0.518	82.7	366 406 426,1	20 1091
1945	8.6	39 16.50	3.5873	0.0042	21 8 56.9	1.811	0.522	82.1	363 368	21 981
1946	9.3[5]	5 39 19.52	+3.5640	+0.0042	+20 16 14.8	+1.807	−0.518	83.1	426,1	[20 1092]
1947	8.3	39 20.79	3.5601	0.0042	20 7 21.2	1.805	0.518	82.6	374 420	20 1093
1948	9.1	39 26.17	3.5769	0.0042	20 45 23.9	1.797	0.520	82.4	369 371 406	20 1094
1949	8.4	39 31.03	3.6001	0.0042	21 37 28.9	1.790	0.524	80.1	37 40	21 983
1950	6.8	39 31.13	3.5630	0.0041	20 13 52.1	1.790	0.518	82.1	364 366	20 1095

[1] Maj. austr. [2] Gr. nach BD [3] Roth [4] Dupl. 1″ med. [5] Gr. nach BD

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
1951	9.0 [1]	5h 39m 34s.90	+3s.6819	+0s.0045	+24° 35′ 57″.0	+1″.784	−0″.536	81.7	205 219 417	24° 956
1952	8.6	39 36.33	3.6408	0.0044	23 7 18.1	1.782	0.530	82.5	356 412	23 1042
1953	8.2	39 39.25	3.6056	0.0042	21 49 35.7	1.778	0.525	82.1	363 368	21 984
1954	7.8	39 42.03	3.6233	0.0043	22 28 45.9	1.774	0.527	80.5	43 174	22 1031
1955	8.7	39 46.61	3.5726	0.0041	20 35 31.8	1.767	0.520	82.1	364 366	20 1096
1956	8.5	5 39 49.49	+3.6606	+0.0044	+23 50 5.8	+1.763	−0.532	82.6	356 406 427,2	23 1043
1957	7.5	39 54.92	3.6341	0.0043	22 52 23.4	1.755	0.529	81.1	198 207	22 1032
1958	8.9	40 8.50	3.6543	0.0043	23 36 19.3	1.735	0.532	82.4	338 412	23 1046
1959	9.0	40 8.93	3.6662	0.0044	24 1 59.8	1.735	0.533	82.6	374 420	24 961
1960	7.4	40 10.81	3.5807	0.0041	20 53 35.4	1.732	0.521	82.1	363 368	20 1100
1961	7.4	5 40 15.51	+3.6832	+0.0044	+24 38 19.7	+1.725	−0.536	82.6	356 421 422	24 963
1962	9.1	40 16.66	3.6771	0.0044	24 25 20.0	1.724	0.535	82.6	371 406 427,2	24 964
1963	7.9	40 17.22	3.6825	0.0044	24 36 48.3	1.723	0.536	81.1	205 217a 219	24 965
1964	9.0	40 28.38	3.6230	0.0042	22 27 47.7	1.707	0.527	80.5	43 174	22 1038
1965	9.1	40 31.34	3.6468	0.0043	23 19 46.6	1.702	0.531	82.7	371 412 417	23 1052
1966	9.5	5 40 33.82	+3.6403	+0.0042	+23 5 38.5	+1.699	−0.530	82.9	410 420	23 1053
1967	8.6	40 36.92	3.5840	0.0041	21 0 51.8	1.694	0.522	82.7	368 421 422	21 995
1968	9.2	40 38.74	3.5852	0.0041	21 3 28.5	1.692	0.522	81.0	37 40 427,2	21 996
1969	9.0	40 52.87	3.5712	0.0040	20 31 47.7	1.671	0.520	82.1	364 366	20 1104
1970	9.0	40 53.66	3.6728	0.0043	24 15 47.8	1.670	0.534	82.0	346 356	24 967
1971	6.0	5 40 54.66	+3.5790	+0.0040	+20 49 24.3	+1.668	−0.521	82.1	363 374	20 1105
1972	8.6	40 55.00	3.6793	0.0043	24 29 51.2	1.668	0.535	81.1	205 217a 219	24 968
1973	8.5	40 56.46	3.5784	0.0040	20 48 13.0	1.666	0.521	82.1	354 357	20 1106
1974	9.1	40 57.33	3.6608	0.0042	23 49 56.8	1.665	0.533	82.4	349 351 412	23 1059
1975	8.3	41 1.06	3.6582	0.0042	23 44 22.2	1.659	0.532	82.5	338 371 406 417	23 1060
1976	8.5	5 41 6.98	+3.5624	+0.0039	+20 11 51.0	+1.650	−0.519	83.0	417 420	20 1108
1977	8.8	41 9.53	3.5725	0.0040	20 34 39.4	1.647	0.520	82.1	364 374	20 1110
1978	9.2	41 18.18	3.6225	0.0041	22 26 19.7	1.634	0.527	81.6	198 207 422	22 1044
1979	5.9	41 20.73	3.6802	0.0042	24 31 24.0	1.631	0.536	81.5	181b 197 203 419	24 970
1980	8.7	41 25.98	3.5831	0.0040	20 58 34.3	1.623	0.522	82.1	364 374	20 1111
1981	9.2	5 41 33.11	+3.6432	+0.0041	+23 11 32.5	+1.613	−0.530	82.9	410 412	23 1066
1982	7.7	41 41.36	3.6706	0.0042	24 10 43.6	1.601	0.534	81.1	205 219	24 973
1983	9.0	41 44.13	3.6540	0.0041	23 34 56.7	1.597	0.532	82.0	338 359	23 1069
1984	7.2	41 44.29	3.5863	0.0039	21 5 31.8	1.596	0.522	81.6	37 40 417 420	21 1003
1985	9.2	41 46.79	3.6624	0.0041	23 53 8.0	1.593	0.533	82.0	346 349 351	23 1070
1986	8.9	5 41 52.34	+3.5837	+0.0039	+20 59 47.1	+1.585	−0.522	82.1	363 366	20 1115
1987	8.9	41 55.30	3.5716	0.0039	20 32 27.0	1.580	0.520	81.1	214 221	20 1116
1988	8.7	42 0.33	3.6295	0.0040	22 41 30.1	1.573	0.528	80.5	43 174	22 1048
1989	8.8	42 1.39	3.5762	0.0039	20 42 40.2	1.571	0.521	82.1	354 357	20 1117
1990	8.7	42 2.45	3.5910	0.0039	21 16 6.3	1.570	0.523	80.2	44 46	21 1007
1991	9.1	5 42 5.86	+3.6564	+0.0041	+23 40 1.9	+1.565	−0.532	82.3	338 359 422	23 1072
1992	8.7 [2]	42 7.21	3.6050	0.0039	21 47 10.5	1.563	0.525	81.8	37 406 421	21 1008
1993	8.6	42 18.89	3.6364	0.0040	22 56 20.2	1.546	0.529	81.1	198 207	22 1050
1994	8.4	42 24.95	3.6358	0.0040	22 55 6.1	1.537	0.529	81.6	198 207 419	22 1051
1995	8.6	42 29.05	3.5739	0.0038	20 37 15.0	1.531	0.520	81.0	190 208	20 1123
1996	8.2	5 42 29.46	+3.6248	+0.0039	+22 30 51.0	+1.531	−0.528	80.5	43 174	22 1052
1997	8.7	42 55.85	3.6500	0.0039	23 25 45.9	1.492	0.531	82.2	338 346 410	23 1077
1998	9.0	42 57.33	3.6686	0.0040	24 5 49.9	1.490	0.534	81.7	205 219 417	24 980
1999	8.7	43 3.47	3.5682	0.0037	20 24 15.1	1.481	0.520	81.7	214 221 420	20 1128
2000	8.2	43 19.71	3.5743	0.0037	20 37 59.1	1.458	0.520	81.6	190 208 421	20 1131

[1] Dupl. med. [2] Dupl. seq. maj.

6

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2001	9.0	$5^h\ 43^m\ 19^s.97$	$+3^s.6914$	$+0^s.0040$	+24° 54′ 22″.8	$+1^s.457$	$-0^s.538$	81.2	181b 197 203 356	24° 984
2002	8.4	43 23.81	3.6237	0.0038	22 27 59.9	1.452	0.528	81.6	198 207 412	22 1059
2003	8.6	43 26.36	3.5609	0.0037	20 7 32.4	1.448	0.519	82.3	354 357 422	20 1132
2004	9.1	43 30.62	3.5661	0.0037	20 19 18.3	1.442	0.519	82.4	363 368 419	20 1133
2005	9.3	43 31.66	3.6149	0.0038	22 8 42.3	1.440	0.526	81.8	174 364 366	22 1061
2006	9.3	5 43 33.95	+3.6614	+0.0039	+23 50 5.9	+1.437	−0.533	82.1	349 351 359	23 1082
2007	8.9	43 36.15	3.5674	0.0037	20 22 11.6	1.434	0.519	81.1	214 221	20 1134
2008	8.6	43 39.04	3.6629	0.0039	23 53 21.2	1.429	0.533	82.1	349 351 359	23 1083
2009	8.4	43 43.09	3.5603	0.0036	20 6 4.1	1.424	0.519	82.1	354 357 371	20 1135
2010	9.0	43 58.48	3.6848	0.0039	24 40 6.0	1.401	0.537	81.3	181b 197 203 368	24 989
2011	8.4	5 44 3.94	+3.6437	+0.0038	+23 11 36.2	+1.393	−0.531	82.5	338 346 417 420	23 1085
2012	8.1	44 5.42	3.6351	0.0038	22 52 45.6	1.391	0.529	81.6	198 207 410	22 1065
2013	8.9	44 10.58	3.5846	0.0036	21 0 44.2	1.384	0.522	80.7	37 40 374	21 1012
2014	7.3	44 14.57	3.6480	0.0038	23 20 49.9	1.378	0.531	81.9	356 363 421	23 1087
2015	9.0	44 51.39	3.6301	0.0036	22 41 41.3	1.324	0.529	81.1	43 174 371	22 1072
2016	8.7	5 44 51.41	+3.6689	+0.0037	+24 5 47.5	+1.324	−0.535	81.6	205 219 412	24 995
2017	8.2	44 56.17	3.5754	0.0035	20 39 45.4	1.317	0.521	81.4	190 208 374	20 1144
2018	9.2	44 56.44	3.6716	0.0037	24 11 34.7	1.317	0.535	81.4	205 219 356	24 996
2019	9.0	45 18.61	3.5880	0.0035	21 8 10.7	1.285	0.523	81.0	37 40 417	21 1020
2020	8.6	45 18.73	3.6545	0.0036	23 34 37.7	1.284	0.532	82.2	338 346 410	23 1091
2021	8.7	5 45 23.84	+3.5780	+0.0035	+20 45 39.3	+1.277	−0.521	81.6	190 208 419	20 1148
2022	8.0	45 30.77	3.5776	0.0035	20 44 45.0	1.267	0.521	81.6	190 208 419	20 1149
2023	9.2	45 34.46	3.5827	0.0035	20 56 1.2	1.261	0.522	82.3	354 357 421	20 1151
2024	9.1	45 39.52	3.5653	0.0034	20 16 53.2	1.254	0.520	81.7	214 221 422	20 1152
2025	8.0	45 45.54	3.5981	0.0035	21 30 34.9	1.245	0.524	80.2	44 46	21 1025
2026	9.2	5 45 45.73	+3.5639	+0.0034	+20 13 35.0	+1.245	−0.519	82.1	354 357	20 1155
2027	8.6	45 47.93	3.6125	0.0035	22 2 34.3	1.242	0.526	82.1	363 366	22 1080
2028	8.1	45 48.16	3.6957	0.0036	25 2 31.9	1.242	0.538	81.3	181b 197 203 368	25 1020
2029	8.8	45 48.95	3.6321	0.0035	22 45 40.3	1.240	0.529	81.2	43 174 412	22 1081
2030	7.1	45 53.27	3.5650	0.0034	20 16 4.1	1.234	0.519	81.7	214 221 422	20 1156
2031	8.4	5 45 54.38	+3.6735	+0.0036	+24 15 22.2	+1.232	−0.535	81.3	181b 197 203 374	24 1007
2032	9.3	45 59.56	3.6469	0.0035	23 17 52.8	1.225	0.531	82.1	349 351 359	23 1099
2033	8.9	46 3.53	3.6450	0.0035	23 13 50.3	1.219	0.531	82.1	349 351 359	23 1100
2034	8.8	46 5.07	3.6222	0.0035	22 23 49.2	1.217	0.528	81.8	198 207 356 420	22 1084
2035	9.2	46 5.68	3.6217	0.0035	22 22 39.4	1.216	0.528	82.0	207 356 420	22 1085
2036	8.0	5 46 6.80	+3.5879	+0.0034	+21 7 31.0	+1.214	−0.523	81.0	37 40 421	21 1027
2037	8.6	46 25.34	3.6682	0.0035	24 3 42.6	1.187	0.535	81.6	205 219 410	24 1010
2038	8.7	46 27.47	3.6062	0.0034	21 48 23.7	1.184	0.526	81.0	44 46 417	21 1030
2039	9.0	46 30.50	3.5805	0.0033	20 50 48.0	1.180	0.522	81.6	190 208 419	20 1158
2040	9.0	46 35.34	3.6649	0.0035	23 56 42.5	1.173	0.534	81.9	338 346	23 1103
2041	9.2	5 46 39.27	+3.6749	+0.0035	+24 17 59.9	+1.167	−0.536	81.7	5 Beob.[1]	24 1011
2042	5.6	46 58.75	3.5647	0.0032	20 15 2.3	1.139	0.520	81.7	214 221 421	20 1162
2043	8.9	46 58.90	3.6368	0.0034	22 55 40.6	1.139	0.530	81.2	43 174 412	22 1094
2044	7.0	47 20.67	3.6250	0.0033	22 29 33.9	1.107	0.528	81.2	43 174 412	22 1096
2045	8.2	47 30.97	3.5949	0.0032	21 22 46.0	1.092	0.524	81.0	37 40 417	21 1037
2046	8.4	5 47 46.00	+3.5861	+0.0032	+21 3 6.1	+1.070	−0.523	81.6	44 46 419 420	21 1039
2047	8.4	47 47.84	3.5695	0.0032	20 25 36.7	1.067	0.520	81.6	190 208 422	20 1168
2048	8.9	48 8.35	3.6461	0.0032	23 15 36.6	1.037	0.532	81.3	198 207 354	23 1108
2049	9.1	48 9.57	3.6651	0.0033	23 56 40.3	1.036	0.534	82.2	338 346 410	23 1109
2050	8.2	48 11.44	3.5700	0.0031	20 26 39.8	1.033	0.520	81.6	190 208 421	20 1171

[1] Z. 181b 203 349 359 368

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2051	9.0	5^h 48^m $18^s.34$	+3^s.6643	+0^s.0032	+23° 54' 49".7	+1".023	−0".534	82.0	338 346 356	23° 1110
2052	9.1	48 21.74	3.6626	0.0032	23 51 6.9	1.018	0.534	82.1	349 351 359	23 1111
2053	8.9	48 26.55	3.5607	0.0031	20 5 30.7	1.011	0.519	81.4	214 221 368	20 1172
2054	9.4	48 33.15	3.6796	0.0032	24 27 25.1	1.001	0.536	81.5	5 Beob.[1]	24 1024
2055	9.3	48 34.33	3.6804	0.0032	24 29 20.1	1.000	0.537	81.3	181^b 197 203 364	24 1025
2056	8.8	5 48 43.79	+3.6591	+0.0032	+23 43 25.7	+0.986	−0.533	82.2	338 346 412	23 1113
2057	8.5	48 48.25	3.6955	0.0032	25 1 7.7	0.979	0.539	81.7	205 219 422	25 1038
2058	9.2	48 53.80	3.6008	0.0031	21 35 37.8	0.971	0.525	81.6	37 40 417 420	21 1049
2059	8.6	48 55.05	3.5736	0.0030	20 34 36.7	0.969	0.521	81.6	190 208 419	20 1178
2060	9.0	49 0.68	3.6779	0.0032	24 23 40.7	0.961	0.536	81.1	205 219	24 1029
2061	8.9	5 49 15.96	+3.6040	+0.0030	+21 42 46.5	+0.939	−0.525	81.0	44 46 410	21 1051
2062	6.3	49 16.81	3.6733	0.0031	24 13 44.0	0.938	0.536	82.3	349 351 359 421	24 1033
2063	9.2	49 23.06	3.6837	0.0031	24 36 4.6	0.929	0.537	81.6	181^b 197 363 366	24 1034
2064	9.2	49 24.25	3.5935	0.0030	21 19 20.8	0.927	0.524	80.2	44 46	21 1053
2065	9.2	49 25.86	3.6969	0.0031	25 3 57.5	0.924	0.539	81.7	205 219 422	25 1044
2066	8.0	5 49 33.11	+3.6342	+0.0030	+22 49 8.6	+0.914	−0.530	80.5	43 174	22 1109
2067	8.5	49 38.42	3.6502	0.0030	23 23 59.1	0.906	0.532	82.0	338 363	23 1119
2068	8.9	49 39.09	3.6446	0.0030	23 11 48.7	0.905	0.531	82.1	354 357	23 1120
2069	8.1	49 39.75	3.5838	0.0030	20 57 30.4	0.904	0.523	81.4	190 208 368	20 1187
2070	8.5	49 41.25	3.6212	0.0030	22 20 36.3	0.902	0.528	81.1	198 207	22 1110
2071	9.5[2]	5 49 47.72	+3.6797	+0.0031	+24 27 26.6	+0.893	−0.536	82.2	346 349 366 406	24 1037
2072	8.6	49 54.11	3.6428	0.0030	23 7 46.0	0.883	0.531	82.3	354 357 419	23 1122
2073	8.7	49 54.25	3.6109	0.0030	21 57 51.5	0.883	0.526	81.6	37 40 417 420	21 1056
2074	7.4	49 56.39	3.6836	0.0030	24 35 39.2	0.880	0.537	81.3	181^b 197 203 368	24 1039
2075	8.3	49 57.72	3.6878	0.0031	24 44 40.6	0.878	0.538	82.1	356 359	24 1040
2076	8.5	5 50 3.67	+3.6995	+0.0030	+25 9 13.9	+0.869	−0.539	82.1	356 363	25 1049
2077	7.8	50 19.66	3.6838	0.0030	24 35 57.6	0.846	0.537	81.4	205 219 374	24 1043
2078	9.0	50 33.75	3.6138	0.0029	22 4 1.8	0.826	0.527	81.3	43 174 410	22 1118
2079	9.0	50 44.79	3.6545	0.0029	23 32 59.7	0.809	0.533	82.3	338 363 421	23 1128
2080	9.3	50 47.21	3.6813	0.0029	24 30 31.6	0.806	0.537	81.7	203 346 349	24 1044
2081	8.1	5 50 49.07	+3.6432	+0.0029	+23 8 25.2	+0.803	−0.531	82.3	354 357 422	23 1130
2082	9.0	50 52.21	3.6181	0.0028	22 13 25.7	0.799	0.528	81.6	207 366	22 1119
2083	7.7	50 55.35	3.6890	0.0029	24 46 59.1	0.794	0.538	82.3	356 359 419	24 1045
2084	8.5	50 59.09	3.5979	0.0028	21 28 49.3	0.789	0.525	81.6	37 40 417 420	21 1063
2085	8.1	51 0.91	3.6573	0.0029	23 39 1.8	0.786	0.533	82.0	338 364	23 1132
2086	8.7	5 51 11.07	+3.6458	+0.0028	+23 14 8.6	+0.771	−0.532	82.1	364 366	23 1135
2087	8.6	51 16.06	3.5779	0.0028	20 43 54.8	0.764	0.522	81.0	190 208	20 1197
2088	8.0	51 17.16	3.5908	0.0028	21 12 51.8	0.762	0.524	80.2	44 46	21 1066
2089	8.6	51 21.16	3.6059	0.0028	21 46 31.8	0.756	0.526	80.2	44 46	21 1068
2090	8.9	51 26.80	3.6316	0.0028	22 42 59.5	0.748	0.530	82.3	354 357 410	22 1122
2091	8.2	5 51 28.25	+3.5761	+0.0027	+20 39 43.4	+0.746	−0.521	81.6	190 208 422	20 1199
2092	9.0	51 29.67	3.6966	0.0028	25 2 56.8	0.744	0.539	81.1	181^b 197 205 219	25 1060
2093	8.4	51 34.70	3.6337	0.0028	22 47 39.1	0.737	0.530	81.2	43 174 421	22 1123
2094	9.1	51 39.54	3.6386	0.0028	22 58 16.5	0.730	0.531	82.0	207 354 420	22 1124
2095	8.7	51 46.93	3.5626	0.0027	20 9 17.2	0.719	0.520	81.4	214 221 368	20 1202
2096	8.6	5 51 49.52	+3.6051	+0.0027	+21 44 39.7	+0.715	−0.526	81.0	37 40 417	21 1070
2097	9.2	52 1.53	3.6740	0.0027	24 14 47.2	0.698	0.536	82.0	346 349 363	24 1049
2098	6.9	52 9.33	3.6011	0.0027	21 35 32.6	0.686	0.525	81.0	44 46 419	21 1072
2099	7.5[3]	52 9.44	3.6246	0.0027	22 27 31.3	0.686	0.528	81.6	207 366	22 1130
2100	8.8	52 11.26	3.6975	0.0027	25 4 36.4	0.683	0.539	81.3	181^b 197 203 364	25 1065

[1] Z. 181^b 197 203 356 364 [2] Seq. maj. [3] Dupl. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2101	8.7	$5^h\ 52^m\ 14^s.98$	$+3^s.6297$	$+0^s.0027$	+22° 38' 43".2	+0".678	−0".529	81.2	43 174 422	22° 1131
2102	8.8	52 31.65	3.6936	0.0027	24 56 18.8	0.654	0.539	81.6	205 219 410	24 1052
2103	8.9	52 37.25	3.5603	0.0026	20 3 46.0	0.646	0.519	81.7	214 221 421	20 1209
2104	9.1	52 39.98	3.6740	0.0027	24 14 34.5	0.642	0.536	82.0	346 349 368	24 1054
2105	9.0	52 46.47	3.5830	0.0026	20 55 6.6	0.632	0.522	81.6	190 208 417	20 1210
2106	8.4	5 52 52.08	+3.5598	+0.0025	+20 2 41.2	+0.624	−0.519	81.1	214 221	20 1211
2107	9.1	52 52.58	3.6099	0.0026	21 55 7.3	0.623	0.526	80.7	37 40 363	21 1074
2108	8.7	52 53.10	3.6888	0.0026	24 46 3.8	0.622	0.538	82.3	356 359 422	24 1055
2109	7.4	52 53.56	3.6364	0.0026	22 53 24.6	0.622	0.530	82.0	207 354 420	22 1135
2110	9.2	53 17.63	3.6484	0.0025	23 19 27.4	0.587	0.532	82.0	338 357 364	23 1145
2111	8.3	5 53 29.73	+3.6486	+0.0025	+23 19 51.8	+0.569	−0.532	82.2	338 357 406	23 1148
2112	7.4	53 31.57	3.6477	0.0025	23 17 48.5	0.566	0.532	82.0	338 357	23 1149
2113	8.8 [1]	53 37.28	3.5647	0.0025	20 13 36.2	0.558	0.520	81.7	214 221 421	20 1216
2114	9.1	53 38.27	3.6786	0.0025	24 24 18.9	0.557	0.536	82.0	346 349 351	24 1062
2115	8.7	53 38.39	3.6268	0.0025	22 32 10.0	0.556	0.529	80.5	43 174	22 1139
2116	8.4	5 53 49.11	+3.5696	+0.0024	+20 24 46.2	+0.541	−0.521	81.0	190 208	20 1218
2117	7.9	53 51.85	3.6588	0.0025	23 41 49.4	0.537	0.534	82.1	356 359	23 1150
2118	8.6	53 53.90	3.6598	0.0025	23 43 54.7	0.534	0.534	82.1	356 359	23 1152
2119	9.5	54 1.10	3.5975	0.0024	21 27 13.6	0.523	0.525	80.2	46	[21 1082]
2120	9.4	54 5.11	3.6950	0.0025	24 59 3.6	0.518	0.539	81.6	205 219 410	24 1065
2121	9.1	5 54 8.75	+3.6828	+0.0025	+24 33 4.8	+0.512	−0.537	81.4	5 Beob. [2]	24 1067
2122	6.2	54 8.77	3.6230	0.0024	22 23 42.4	0.512	0.528	80.5	43 174	22 1140
2123	9.3	54 10.94	3.5888	0.0024	21 7 50.9	0.509	0.523	80.7	37 40 364	21 1084
2124	8.6	54 11.06	3.6431	0.0024	23 7 45.4	0.509	0.531	82.3	354 357 422	23 1154
2125	8.2	54 25.43	3.5974	0.0024	21 26 57.8	0.488	0.525	81.1	44 363	21 1086
2126	9.1	5 54 26.76	+3.6827	+0.0024	+24 32 58.1	+0.486	−0.537	81.4	181b 197 203 410	24 1070
2127	8.9	54 31.16	3.6652	0.0024	23 55 30.3	0.480	0.535	82.1	359 366	23 1156
2128	9.0	54 44.74	3.6890	0.0024	24 46 14.0	0.460	0.538	82.0	346 349 368	24 1071
2129	9.2	55 6.98	3.6929	0.0023	24 54 32.4	0.427	0.539	81.7	205 219 421	24 1072
2130	8.3	55 9.28	3.6135	0.0023	22 2 36.8	0.424	0.527	81.6	207 354	22 1147
2131	8.9	5 55 9.95	+3.6092	+0.0023	+21 53 8.5	+0.423	−0.526	81.0	37 40 422	21 1094
2132	8.5	55 14.67	3.6487	0.0023	23 19 40.2	0.416	0.532	82.0	338 357	23 1161
2133	8.7	55 16.77	3.5800	0.0023	20 47 57.2	0.413	0.522	81.0	190 208	20 1227
2134	9.0	55 19.90	3.6388	0.0023	22 58 9.0	0.408	0.531	81.3	43 174 410	22 1149
2135	9.3	55 31.41	3.6755	0.0023	24 17 23.5	0.392	0.536	82.1	349 359 368	24 1074
2136	8.3	5 55 32.66	+3.6223	+0.0022	+22 22 0.2	+0.390	−0.528	81.6	207 354	22 1150
2137	8.8	55 34.82	3.6735	0.0022	24 13 1.6	0.387	0.536	82.1	356 363	24 1075
2138	9.7	55 35.97	3.6909	0.0023	24 50 14.2	0.385	0.538	82.6	219 410 417 420	— —
2139	9.0	55 38.72	3.6954	0.0022	24 59 40.6	0.381	0.539	81.3	181b 203 356	24 1076
2140	7.9	55 38.97	3.6216	0.0022	22 20 27.1	0.381	0.528	80.5	43 174	22 1151
2141	6.9	5 55 40.26	+3.5743	+0.0022	+20 35 4.4	+0.379	−0.521	81.0	190 208	20 1229
2142	9.7	55 40.82	3.6905	0.0022	24 49 20.1	0.378	0.538	82.9	412 419	24 1077
2143	9.1	55 50.68	3.6186	0.0022	22 13 53.0	0.364	0.528	81.6	207 366	22 1152
2144	9.3	55 56.40	3.6908	0.0022	24 49 48.4	0.355	0.538	82.3	349 359 412	24 1078
2145	9.1	56 10.13	3.6987	0.0022	25 6 30.0	0.335	0.539	82.3	356 364 412	[25 1096]
2146	8.9	5 56 10.30	+3.6978	+0.0022	+25 4 38.7	+0.335	−0.539	81.5	181b 197 203 412	25 1097
2147	8.6	56 19.56	3.6880	0.0022	24 43 57.5	0.321	0.538	82.1	346 366	24 1079
2148	8.9	56 25.05	3.6950	0.0021	24 58 48.8	0.313	0.539	81.1	205 219	24 1080
2149	8.5	56 25.30	3.6983	0.0021	25 5 42.1	0.313	0.539	81.6	197 363	25 1099
2150	6.0	56 29.81	3.5625	0.0021	20 8 20.5	0.307	0.520	81.7	214 221 421	20 1233

[1] Dupl. 12" maj.; Com. 10^m [2] Z. 181b 197 203 366 368

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2151	4.7	5h 56m 31s.32	+3s.6471	+0s.0021	+23° 16′ 3″.4	+0″.304	−0″.532	82.3	338 357 421	23° 1170
2152	7.5	56 35.85	3.5987	0.0021	21 29 44.8	0.298	0.525	81.0	37 40 417	21 1099
2153	8.7	56 52.31	3.5640	0.0021	20 11 46.9	0.274	0.520	81.1	214 221	20 1237
2154	8.7	56 55.25	3.5730	0.0021	20 32 10.3	0.269	0.521	81.0	190 208	20 1239
2155	8.7	56 58.19	3.6503	0.0021	23 22 56.6	0.265	0.532	82.0	338 363	23 1172
2156	8.9	5 57 2.72	+3.5706	+0.0020	+20 26 41.7	+0.259	−0.521	81.8	5 Beob.[1]	20 1240
2157	8.7	57 9.00	3.5703	0.0020	20 26 2.7	0.249	0.521	82.1	354 357	20 1241
2158	8.3	57 9.22	3.5961	0.0020	21 23 54.5	0.249	0.524	80.2	44 46	21 1102
2159	8.5[2]	57 29.63	3.6772	0.0020	24 20 56.4	0.219	0.536	81.5	197 203 346 356	24 1086
2160	9.0	57 33.30	3.6089	0.0020	21 52 22.0	0.214	0.526	80.2	44 46	21 1105
2161	8.5	5 57 36.87	+3.6024	+0.0020	+21 37 59.1	+0.209	−0.525	80.1	37 40	21 1107
2162	8.6	57 47.81	3.5960	0.0019	21 23 33.4	0.193	0.524	81.0	44 46 417	21 1109
2163	8.8	57 54.80	3.6400	0.0019	23 0 35.9	0.183	0.531	81.6	207 349 351	23 1183
2164	8.8	57 55.42	3.5625	0.0019	20 8 13.0	0.182	0.520	81.1	214 221	20 1244
2165	8.9	58 7.82	3.5756	0.0019	20 37 49.7	0.164	0.522	81.0	190 208	20 1245
2166	8.5	5 58 25.02	+3.6541	+0.0019	+23 31 16.4	+0.139	−0.533	81.9	338 346	23 1187
2167	8.7	58 28.24	3.5990	0.0019	21 30 18.6	0.134	0.525	80.1	37 40	21 1113
2168	8.5	58 49.04	3.6450	0.0018	23 11 24.2	0.103	0.532	81.6	207 349 351	23 1188
2169	8.9	59 2.10	3.6889	0.0018	24 45 36.1	0.084	0.538	81.1	205 219	24 1092
2170	6.2	59 11.48	3.6577	0.0018	23 38 52.1	0.071	0.533	81.9	338 346	23 1192
2171	8.1	5 59 11.87	+3.6096	+0.0018	+21 53 46.7	+0.070	−0.526	80.2	44 46	21 1116
2172	8.9	59 15.74	3.6765	0.0017	24 19 19.2	0.065	0.537	81.6	197 203 412	24 1095
2173	8.7	59 16.57	3.5785	0.0018	20 44 21.0	0.063	0.522	81.0	190 208	20 1260
2174	9.0	59 16.89	3.6831	0.0017	24 33 19.6	0.063	0.537	81.1	197 205 219	24 1096
2175	9.1[3]	59 16.99	3.5619	0.0018	20 6 51.4	0.063	0.519	81.1	214 221	20 1259
2176	8.5	5 59 31.69	+3.6415	+0.0017	+23 3 51.0	+0.041	−0.531	82.1	356 359	23 1199
2177	8.6	59 33.53	3.6174	0.0017	22 10 55.9	0.039	0.528	81.9	207 368 419	22 1171
2178	8.9	59 37.71	3.6242	0.0017	22 25 54.2	0.033	0.529	82.1	363 366	22 1172
2179	8.1	59 38.21	3.6156	0.0017	22 7 0.9	0.032	0.527	82.5	364 410	22 1173
2180	8.8	59 39.84	3.6338	0.0017	22 47 1.9	0.029	0.530	82.0	354	[22 1174]
2181	9.0	5 59 43.51	+3.6330	+0.0017	+22 45 11.7	+0.024	−0.530	82.1	357	22 1175
2182	6.9	59 50.42	3.5809	0.0017	20 49 52.6	0.014	0.522	83.0	417 420	20 1265
2183	8.6	59 56.33	3.6605	0.0017	23 45 1.6	+0.005	0.534	82.0	346 356	23 1203
2184	8.6	6 0 6.23	3.6293	0.0017	22 37 5.7	−0.009	0.529	81.6	198 207 419	22 1178
2185	8.0	0 7.72	3.6093	0.0017	21 53 6.3	0.011	0.526	80.2	44 46	21 1120
2186	9.0	6 0 10.21	+3.6533	+0.0016	+23 29 29.6	−0.015	−0.533	82.5	359 410	23 1204
2187	9.0	0 12.02	3.5641	0.0017	20 11 55.8	0.018	0.520	81.1	214 221	20 1270
2188	7.0	0 12.80	3.6320	0.0016	22 43 12.0	0.019	0.530	82.1	354 357	22 1180
2189	9.3	0 15.32	3.6472	0.0016	23 16 13.7	0.022	0.532	82.9	410 412	23 1205
2190	8.6	0 16.62	3.6128	0.0016	22 0 59.9	0.024	0.527	83.1	419 420 427,2	22 1182
2191	9.0	6 0 19.21	+3.6586	+0.0016	+23 40 58.4	−0.028	−0.534	83.0	417 421 422	23 1206
2192	8.2	0 27.29	3.6605	0.0016	23 45 3.9	0.040	0.534	82.0	346 356	23 1208
2193	9.0	0 28.67	3.6934	0.0016	24 55 17.0	0.042	0.539	81.6	197 203 422	24 1109
2194	8.1	0 33.03	3.6640	0.0016	23 52 28.3	0.048	0.534	81.1	205 219	23 1209
2195	7.3	0 33.42	3.5937	0.0016	21 18 31.0	0.049	0.524	83.0	417 420	21 1125
2196	9.0	6 0 34.22	+3.6251	+0.0016	+22 27 57.0	−0.050	−0.529	82.1	354 357	22 1183
2197	8.9	0 36.43	3.6520	0.0016	23 26 43.7	0.053	0.533	82.4	349 359 427,2	23 1210
2198	8.5	0 42.02	3.6544	0.0016	23 31 49.5	0.061	0.533	82.5	356 406 412	23 1212
2199	8.8	0 48.33	3.6184	0.0016	22 13 19.9	0.070	0.528	82.1	354 357	22 1185
2200	9.0	0 49.68	3.6401	0.0015	23 0 44.2	0.072	0.531	82.3	338 359 421	23 1215

[1] Z. 214 221 354 364 410 [2] Seq. bor. maj. [3] Dupl. 1″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2201	8.5	$6^h\ 0^m\ 50^s.33$	$+3^s.6504$	$+0^s.0015$	+23° 23′ 5″.0	$-0''.073$	$-0''.532$	82.4	349 351 406	23° 1216
2202	9.1	0 54.32	3.6394	0.0015	22 59 20.8	0.079	0.531	83.0	410 421 422	} 22 1186
2203	9.1	0 55.15	3.6394	0.0015	22 59 18.5	0.080	0.531	82.5	338 412 421	
2204	9.4	0 54.99	3.6064	0.0016	21 46 49.9	0.080	0.526	83.1	429 432	} 21 1127
2205	8.7	0 57.20	3.6068	0.0015	21 47 39.1	0.083	0.526	83.1	417 420 427,2	
2206	8.6	6 1 1.41	+3.6296	+0.0015	+22 37 54.4	−0.090	−0.529	81.1	198 207	22 1187
2207	8.6	1 11.72	3.5703	0.0015	20 26 2.3	0.105	0.521	81.1	214 221	20 1276
2208	8.7	1 12.66	3.6397	0.0015	23 0 0.7	0.106	0.531	82.1	359 368	23 1219
2209	8.0	1 16.78	3.6780	0.0015	24 22 32.4	0.112	0.536	81.1	205 219	24 1123
2210	9.4	1 25.39	3.6027	0.0015	21 38 35.7	0.125	0.525	80.7	44 46 364	21 1130
2211	8.7	6 1 30.76	+3.6145	+0.0015	+22 4 40.3	−0.132	−0.527	82.1	354 357	22 1191
2212	8.9	1 34.20	3.6649	0.0014	23 54 23.6	0.137	0.534	82.3	346 366 419	23 1223
2213	7.9[1]	1 35.95	3.6799	0.0014	24 26 40.2	0.140	0.537	82.1	356 361	24 1126
2214	8.6	1 39.68	3.6843	0.0014	24 35 50.3	0.145	0.537	81.6	197 203 410	24 1128
2215	6.2	2 0.25	3.6180	0.0014	22 12 28.3	0.175	0.528	81.6	198 207 420	22 1198
2216	5.7	6 2 8.57	+3.6433	+0.0014	+23 7 53.8	−0.188	−0.531	82.1	228 359 417	23 1226
2217	7.7	2 10.19	3.6740	0.0013	24 14 1.5	0.190	0.536	81.4	205 219 363	24 1135
2218	8.0	2 13.03	3.5722	0.0014	20 30 20.1	0.194	0.521	81.6	190 208 421	20 1284
2219	9.0	2 16.28	3.6854	0.0013	24 38 15.8	0.199	0.537	81.8	197 356 361	24 1138
2220	8.5	2 37.47	3.5922	0.0013	21 15 16.3	0.230	0.524	81.0	44 46 422	21 1137
2221	9.0	6 2 45.73	+3.6424	+0.0013	+23 5 57.8	−0.242	−0.531	82.3	338 357 419	23 1230
2222	7.3	2 54.95	3.6402	0.0013	23 1 5.4	0.255	0.531	81.6	198 207 420	23 1232
2223	9.0	3 13.85	3.6228	0.0012	22 23 1.0	0.283	0.528	81.3	43 174 417	22 1206
2224	8.8	3 17.46	3.6625	0.0012	23 49 29.5	0.288	0.534	82.0	346 351 356	23 1234
2225	8.5	3 23.32	3.6929	0.0012	24 54 16.5	0.297	0.538	81.7	205 219 421	24 1148
2226	9.5	6 3 24.37	+3.6353	+0.0012	+22 50 23.2	−0.298	−0.531	82.0	349	— —
2227	8.8	3 31.84	3.5746	0.0013	20 35 39.9	0.309	0.521	81.0	190 208	20 1296
2228	7.6	3 47.97	3.6011	0.0012	21 35 12.0	0.332	0.525	80.1	37 40 44 46	21 1143
2229	8.5	3 48.37	3.5744	0.0012	20 35 20.8	0.333	0.521	81.6	190 208 422	20 1301
2230	6.0	3 52.36	3.6799	0.0011	24 26 43.5	0.339	0.536	82.1	228 346 419	24 1151
2231	8.3	6 3 52.45	+3.6965	+0.0011	+25 2 1.9	−0.339	−0.539	81.3	181b 197 203 363	25 1153
2232	7.1	3 55.22	3.5835	0.0012	20 55 43.5	0.343	0.521	81.1	214 221	20 1302
2233	8.7	3 56.63	3.6270	0.0012	22 32 21.9	0.345	0.529	81.7	198 207 361 420	22 1213
2234	8.9	4 3.38	3.6280	0.0011	22 34 32.3	0.355	0.529	80.5	43 174	22 1215
2235	8.7	4 11.56	3.6881	0.0010	24 44 13.9	0.367	0.538	81.1	205 219	24 1153
2236	8.7	6 4 17.25	+3.6524	+0.0011	+23 27 42.0	−0.375	−0.532	82.0	338 359	23 1242
2237	6.6[2]	4 20.26	3.6094	0.0011	21 53 33.8	0.380	0.526	80.1	37 40 44 46	21 1146
2238	7.7	4 20.53	3.6460	0.0011	23 13 54.7	0.380	0.531	82.0	228 357 421	23 1243
2239	8.9	4 28.24	3.6880	0.0010	24 44 6.2	0.391	0.538	82.0	346 349 351	24 1156
2240	6.2	4 44.40	3.6378	0.0010	22 56 4.0	0.415	0.530	81.6	207 349 351	22 1220
2241	8.9	6 4 49.39	+3.6942	+0.0009	+24 57 11.3	−0.422	−0.539	81.5	5 Beob.[3]	24 1159
2242	8.7[4]	5 9.61	3.6801	0.0009	24 27 15.6	0.451	0.536	81.5	205 219 361 363	24 1161
2243	8.9	5 9.64	3.6124	0.0010	22 0 22.3	0.452	0.526	81.5	43 174 368 412	22 1224
2244	9.3	5 10.80	3.6127	0.0010	22 0 58.4	0.453	0.526	82.9	412 417	[22 1225]
2245	8.8	5 13.13	3.6415	0.0010	23 4 3.3	0.457	0.531	82.0	338 357	23 1247
2246	8.5	6 5 20.43	+3.6256	+0.0010	+22 29 29.7	−0.467	−0.528	81.3	198 207 354	22 1226
2247	9.3	5 24.05	3.5930	0.0010	21 17 17.9	0.473	0.524	80.1	37 40 44 46	21 1154
2248	8.4	5 33.21	3.5613	0.0010	20 5 57.2	0.486	0.519	81.0	190 208	20 1312
2249	8.9	5 53.30	3.6394	0.0009	22 59 40.3	0.515	0.530	82.0	338 359	23 1253
2250	8.2	5 59.80	3.6871	0.0008	24 42 18.4	0.525	0.537	81.1	205 219	24 1165

[1] Maj. [2] Roth [3] Z. 181b 197 203 356 364 [4] Dupl. med,

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2251	8.4	6h 6m 2s.37	+3s.6610	+0s.0008	+23° 46′ 30″.5	−0″.528	−0″.534	81.6	228 359	23° 1254
2252	9.1	6 28.53	3.5976	0.0009	21 27 31.0	0.567	0.524	80.2	44 46	21 1159
2253	7.9	6 30.57	3.6678	0.0008	24 1 6.0	0.570	0.534	82.1	349 351 361	24 1168
2254	8.2	6 30.89	3.6669	0.0008	23 59 9.7	0.570	0.534	82.1	349 351 361	23 1258
2255	8.6	6 40.76	3.5640	0.0009	20 12 4.9	0.584	0.519	81.4	214 221 354	20 1322
2256	8.9	6 6 43.96	+3.5685	+0.0009	+20 22 14.3	−0.589	−0.520	81.7	214 221 417	20 1323
2257	8.8	6 46.64	3.5777	0.0009	20 43 2.2	0.593	0.521	81.1	214 221	20 1324
2258	6.7	6 57.74	3.6071	0.0008	21 48 50.9	0.609	0.526	82.5	368 406	21 1163
2259	9.2	7 2.32	3.6024	0.0008	21 38 29.4	0.616	0.525	82.6	366 420	21 1164
2260	8.5	7 7.56	3.6504	0.0007	23 23 44.5	0.623	0.532	82.1	349 351 361	23 1262
2261	**var.**[1]	**6 7 19.94**	**+3.6269**	**+0.0007**	**+22 32 27.1**	**−0.641**	**−0.528**		**Fund. Cat.**	**22 1241**
2262	9.1	7 22.95	3.6471	0.0007	23 16 40.0	0.646	0.531	83.0	417 420	23 1265
2263	8.2	7 23.91	3.6837	0.0006	24 35 23.1	0.647	0.537	81.1	205 219	24 1174
2264	8.8	7 41.08	3.5916	0.0007	21 14 31.1	0.672	0.523	80.2	44 46	21 1167
2265	8.8	7 42.86	3.6212	0.0007	22 20 10.2	0.675	0.528	82.9	410 420	22 1243
2266	9.7	6 7 44.99	+3.6211	+0.0007	+22 19 48.7	−0.678	−0.527	82.9	410	[22 1244]
2267	9.2	7 51.43	3.6170	0.0007	22 10 53.7	0.687	0.527	83.0	417 421 423	22 1245
2268	8.8	8 11.94	3.6699	0.0005	24 5 56.1	0.717	0.535	82.0	346 349 351	24 1176
2269	8.9	8 15.11	3.6717	0.0005	24 9 52.0	0.722	0.535	81.4	205 219 364	24 1178
2270	9.0	8 22.47	3.6621	0.0005	23 49 12.8	0.733	0.533	82.1	356 361	23 1270
2271	9.0	6 8 24.45	+3.5888	+0.0006	+21 8 20.5	−0.736	−0.523	82.4	361 368 422	21 1172
2272	9.0	8 27.31	3.6176	0.0006	22 12 17.7	0.740	0.527	81.4	198 207 375	22 1250
2273	9.1	8 29.27	3.6740	0.0005	24 14 53.0	0.743	0.535	81.6	197 203 419	24 1180
2274	8.4:	8 30.31	3.6457	0.0005	23 13 53.2	0.744	0.531	81.2	226 228	23 1271
2275	8.7	8 32.53	3.5730	0.0006	20 32 44.7	0.747	0.520	81.6	221 354	20 1337
2276	9.0	6 8 36.94	+3.6049	+0.0006	+21 44 15.8	−0.754	−0.525	80.2	44 46	21 1174
2277	9.2	8 40.04	3.6573	0.0005	23 38 54.1	0.758	0.533	82.1	359 366	23 1273
2278	6.3	8 40.83	3.6673	0.0004	24 0 29.3	0.759	0.534	81.4	205 219 356	24 1182
2279	8.8	9 20.10	3.6177	0.0005	22 12 38.8	0.817	0.527	81.5	198 207 351 371	22 1253
2280	7.4	9 21.16	3.6609	0.0004	23 46 51.7	0.818	0.533	81.1	210a[2] 213 223 224	23 1275
2281	9.0	6 9 25.14	+3.6183	+0.0005	+22 14 6.4	−0.824	−0.527	82.1	349 357	22 1254
2282	8.7	9 31.43	3.6028	0.0005	21 39 46.3	0.833	0.525	80.8	44 46 375	21 1178
2283	7.2	9 48.34	3.6169	0.0004	22 11 6.9	0.858	0.527	82.1	226 228 417 420	22 1257
2284	9.1	9 54.40	3.6833	0.0003	24 34 58.2	0.867	0.536	81.3	197 203 356	24 1188
2285	8.8	10 1.42	3.5809	0.0005	20 50 58.6	0.877	0.521	81.7	214 221 419	20 1348
2286	9.0	6 10 16.30	+3.5712	+0.0004	+20 29 4.6	−0.899	−0.520	80.7	25 29 372	20 1352
2287	8.7	10 17.98	3.6648	0.0002	23 55 28.9	0.901	0.534	80.9	23 48 412	23 1282
2288	9.0	10 21.45	3.6241	0.0003	22 27 7.3	0.906	0.528	81.1	43 174 371	22 1263
2289	8.6	10 26.58	3.6310	0.0003	22 42 5.8	0.913	0.529	82.1	226 228 417 420	22 1267
2290	8.5	10 44.52	3.6630	0.0002	23 51 38.8	0.940	0.533	81.5	205 219 349 351	23 1285
2291	8.9	6 10 48.70	+3.6561	+0.0002	+23 36 57.4	−0.946	−0.532	81.4	205 219 368	23 1286
2292	8.9	10 55.73	3.6085	0.0003	21 52 45.6	0.956	0.525	80.7	37 40 366	21 1186
2293	8.9	10 57.97	3.6315	0.0002	22 43 26.9	0.959	0.529	81.1	43 174 372	22 1273
2294	8.6	11 4.47	3.6405	0.0002	23 3 11.5	0.969	0.530	81.1	210a[2] 213 223 224	23 1289
2295	8.9	11 5.21	3.6165	0.0002	22 10 20.9	0.970	0.526	81.4	198 207 375	22 1275
2296	8.1	6 11 11.21	+3.5909	+0.0003	+21 13 35.1	−0.978	−0.523	81.0	44 46 412	21 1190
2297	7.8	11 17.40	3.6570	0.0001	23 38 57.7	0.988	0.532	80.7	23 48 363	23 1293
2298	8.3	11 24.77	3.6403	0.0001	23 2 51.2	0.998	0.530	81.1	210a[2] 213 223 224	23 1297
2299	8.6	11 34.77	3.6394	0.0001	23 0 54.4	1.013	0.530	81.1	210a[2] 213 223 224	23 1298
2300	8.9	11 38.08	3.6061	0.0002	21 47 39.2	1.018	0.525	80.7	37 40 368	21 1191

[1] 3.2··4.2 [2] Z. 210a Gew. ½

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2301	7.3	6h 11m 42s.76	+3s.6533	+0s.0001	+23° 30′ 59″.7	−1″.024	−0″.532	81.4	226 228 346	23° 1300
2302	8.2	11 46.67	3.6479	0.0001	23 19 19.1	1.030	0.531	80.7	23 48 371	23 1301
2303	8.7	11 48.46	3.5716	0.0003	20 30 19.7	1.033	0.520	80.9	25 29 417	20 1368
2304	8.5	11 50.13	3.5748	0.0002	20 37 37.9	1.035	0.520	81.7	214 221 419	20 1369
2305	8.8	11 58.30	3.5595	0.0003	20 2 56.4	1.047	0.518	80.9	25 29 363 375	20 1371
2306	8.6	6 12 0.17	+3.6356	+0.0001	+22 52 42.6	−1.050	−0.529	81.2	43 174 412	22 1278
2307	7.8	12 9.68	3.6966	−0.0001	25 3 49.9	1.064	0.538	81.6	5 Beob.[1]	25 1215
2308	8.7[2]	12 13.39	3.6160	+0.0001	22 9 33.9	1.069	0.526	81.4	198 207 366	22 1280
2309	9.1	12 14.35	3.6212	+0.0001	22 21 11.2	1.070	0.527	81.5	226 228 357	22 1281
2310	8.8[3]	12 15.99	3.5988	+0.0001	21 31 25.7	1.073	0.524	83.1	422 423	}
2311	9.0[3]	6 12 15.98	+3.5988	+0.0001	+21 31 26.4	−1.073	−0.524	81.0	44 46 420	} 21 1196
	9.3[3]	12 16.03	3.5988	+0.0001	21 31 27.3	1.073	0.524	83.1	422	}
2312	9.0	12 19.59	3.5705	+0.0002	20 27 56.3	1.078	0.520	80.9	25 29 419	20 1373
2313	8.2	12 25.23	3.6839	−0.0001	24 36 57.9	1.086	0.536	81.3	197 203 356	24 1206
2314	8.6	12 31.21	3.6514	0.0000	23 27 16.3	1.095	0.531	81.0	23 48 421	23 1311
2315	8.8	12 34.24	3.6363	0.0000	22 54 15.3	1.099	0.529	81.1	210a[4] 213 223 224	22 1283
2316	8.8	6 12 51.28	+3.5739	+0.0001	+20 35 48.5	−1.124	−0.520	81.7	214 221 423	20 1377
2317	8.6	12 52.99	3.6248	0.0000	22 29 16.3	1.127	0.527	81.3	43 174 417	22 1286
2318	9.1	12 58.43	3.6004	0.0000	21 35 17.4	1.135	0.524	80.7	37 40 357	21 1198
2319	8.2	13 3.57	3.5884	+0.0001	21 8 31.6	1.142	0.522	80.8	44 46 372	21 1199
2320	8.5	13 21.00	3.6676	−0.0002	24 2 24.4	1.167	0.534	81.6	205 219 412	24 1212
2321	8.6	6 13 35.89	+3.6174	−0.0001	+22 13 6.6	−1.189	−0.526	81.6	198 207 420	22 1291
2322	9.1	13 41.80	3.5894	0.0000	21 10 55.6	1.198	0.522	83.0	421	[21 1202]
2323	8.6	13 45.03	3.6822	0.0003	24 33 50.7	1.202	0.536	81.3	197 203 356	24 1218
2324	7.7	13 45.95	3.5895	0.0000	21 11 7.8	1.204	0.522	81.7	226 228 421	21 1203
2325	8.2	13 53.31	3.5913	0.0000	21 15 13.0	1.215	0.522	80.7	37 40 372	21 1204
2326	8.5	6 13 57.10	+3.6963	−0.0003	+25 3 41.3	−1.220	−0.538	82.0	219 346 422	25 1232
2327	8.3	14 11.62	3.6612	0.0003	23 49 0.0	1.241	0.532	80.1	23 48	23 1322
2328	8.5	14 13.72	3.6374	0.0002	22 57 22.4	1.244	0.529	81.1	43 174 371	22 1294
2329	8.5	14 14.54	3.5924	0.0001	21 17 46.8	1.245	0.522	82.4	354 357 423	21 1206
2330	8.8	14 28.02	3.6282	0.0002	22 37 11.6	1.265	0.528	82.1	349 361 368	22 1296
2331	9.0	6 14 35.93	+3.6984	−0.0005	+25 8 21.5	−1.277	−0.538	81.1	205 219	25 1237
2332	9.1	14 43.58	3.5860	0.0001	21 3 42.1	1.288	0.521	81.2	226 228	21 1208
2333	8.8	14 51.85	3.6123	0.0002	22 2 14.2	1.300	0.525	82.5	366 412	22 1300
2334	8.8	14 55.39	3.5826	0.0002	20 56 1.0	1.305	0.521	81.1	214 221	20 1390
2335	8.8	15 21.72	3.5712	0.0002	20 30 33.8	1.343	0.519	81.1	214 221	20 1392
2336	8.8	6 15 23.87	+3.6363	−0.0004	+22 55 16.2	−1.346	−0.529	81.1	43 174 375	22 1303
2337	**3.0**	**15 23.89**	**3.6268**	**0.0003**	**22 34 32.1**	**1.346**	**0.527**		**Fund. Cat.**	**22 1304**
2338	8.7	15 29.10	3.6828	0.0005	24 35 44.5	1.354	0.535	82.6	356 421 422	24 1237
2339	9.0	15 37.05	3.6630	0.0005	23 53 12.3	1.365	0.532	82.5	371 412	23 1330
2340	9.0	15 37.47	3.6714	0.0005	24 11 19.1	1.366	0.534	81.1	205 219	24 1239
2341	9.0	6 15 45.97	+3.6759	−0.0005	+24 20 59.3	−1.379	−0.534	82.6	356 412 421	24 1240
2342	8.0	15 49.05	3.6124	0.0004	22 2 52.2	1.383	0.525	81.2	226 228	22 1306
2343	8.7	15 50.13	3.6688	0.0005	24 5 55.5	1.385	0.533	82.1	356 359	24 1241
2344	9.0	15 50.47	3.5593	0.0002	20 3 34.9	1.385	0.517	81.4	214 221 375	20 1397
2345	9.2	15 52.87	3.6139	0.0004	22 6 11.0	1.389	0.525	82.7	372 410 412	22 1307
2346	8.6[5]	6 15 56.86	+3.6423	−0.0005	+23 8 40.9	−1.394	−0.529	82.1	361 371	23 1334
2347	8.8	16 2.46	3.5696	0.0003	20 27 8.0	1.402	0.519	81.1	214 221	20 1399
2348	9.0	16 5.21	3.6642	0.0006	23 56 2.1	1.406	0.532	81.1	210a[3] 213 223 224	23 1335
2349	9.1	16 12.45	3.6234	0.0004	22 27 17.1	1.417	0.527	82.1	226 228 417 420	22 1311
2350	9.0	16 36.44	3.5665	0.0003	20 20 19.3	1.452	0.518	82.3	354 357 422	20 1403

[1] Z. 197 203 346 349 351 [2] Z. 366 Dupl.? [3] Dupl. pr., med., seq. [4] Z. 210a Gew. ½ [5] Seq. bor.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
2351	9.2	6h 16m 39s.07	+3s.6274	−0s.0005	+22° 36' 17".4	−1".456	−0".527	81.3	43 174 410	22° 1316
2352	9.0	16 51.70	3.6890	0.0007	24 49 23.8	1.474	0.536	81.7	205 219 419	24 1251
2353	8.7	16 58.41	3.6515	0.0006	23 29 0.1	1.484	0.531	82.3	346 356 422	23 1338
2354	7.4	17 1.77	3.6971	0.0008	25 6 43.9	1.489	0.537	81.3	197 203 359	25 1255
2355	9.2	17 2.97	3.5847	0.0004	21 1 29.3	1.491	0.521	82.3	354 361 421	21 1222
2356	8.7	6 17 5.69	+3.6442	−0.0006	+23 13 5.7	−1.494	−0.529	81.1	210a[1] 213 223 224	23 1340
2357	9.7	17 6.10	3.5847	0.0004	21 1 28.6	1.495	0.521	82.6	375 421	— —
2358	8.0	17 21.41	3.6760	0.0008	24 22 0.7	1.517	0.534	81.7	205 219 420	24 1255
2359	8.7	17 32.29	3.5933	0.0005	21 20 57.4	1.533	0.522	81.7	226 228 417	21 1226
2360	8.9	17 39.20	3.6141	0.0006	22 7 19.8	1.543	0.525	81.2	43 174 198 423	22 1320
2361	8.1	6 17 41.42	+3.6595	−0.0008	+23 46 32.1	−1.546	−0.531	82.1	346 372 373	23 1344
2362	9.2	17 43.46	3.6133	0.0006	22 5 31.4	1.549	0.525	82.1	207 371 410 423	22 1321
2363	8.6	17 45.82	3.6414	0.0007	23 7 20.7	1.553	0.529	82.3	356 359 422	23 1345
2364	8.6	17 53.66	3.6013	0.0006	21 39 4.1	1.564	0.523	82.1	354 357	21 1229
2365	8.8	17 55.83	3.6102	0.0006	21 58 49.3	1.567	0.524	82.1	361 371 375	21 1230
2366	7.8	6 17 56.25	+3.6520	−0.0008	+23 30 30.9	−1.568	−0.530	81.0	23 48 419	23 1346
2367	7.5	17 57.05	3.6488	0.0008	23 23 37.6	1.569	0.530	80.1	23 48	23 1347
2368	9.2	18 0.71	3.6266	0.0007	22 34 59.0	1.574	0.527	82.5	375 412	22 1322
2369	7.5	18 1.19	3.6250	0.0007	22 31 27.7	1.575	0.526	80.6	198 207	22 1323
2370	8.2	18 3.69	3.5729	0.0005	20 35 15.7	1.579	0.519	81.1	214 221	20 1409
2371	9.1	6 18 4.88	+3.6002	−0.0006	+21 36 41.1	−1.581	−0.523	80.2	44 46	} 21 1231
2372	8.9	18 5.87	3.6003	0.0006	21 36 50.1	1.582	0.523	82.6	375 412 421	}
2373	6.9	18 12.56	3.6029	0.0006	21 42 43.1	1.592	0.523	81.2	226 228	21 1232
2374	9.0	18 20.34	3.5574	0.0005	20 0 18.9	1.603	0.516	80.1	25 29	20 1410
2375	8.9	18 24.25	3.6073	0.0007	21 52 35.0	1.609	0.523	82.5	372 373 412	21 1233
2376	9.0	6 18 31.48	+3.5617	−0.0005	+20 10 7.7	−1.619	−0.517	81.7	214 221 420	20 1412
2377	9.0	18 34.61	3.5629	0.0005	20 12 45.6	1.624	0.517	80.9	25 29 417	20 1413
2378	8.9	18 36.62	3.6875	0.0010	24 47 3.3	1.627	0.535	81.6	197 203 410	24 1263
2379	8.3	18 43.13	3.6320	0.0008	22 47 15.6	1.636	0.527	81.7	174 356 359	22 1326
2380	8.5	18 51.17	3.6325	0.0008	22 48 26.2	1.648	0.527	81.6	43 361 422	22 1327
2381	9.0	6 19 0.03	+3.5605	−0.0006	+20 7 27.3	−1.661	−0.517	80.1	25 29	20 1418
2382	8.8	19 3.24	3.6020	0.0007	21 41 6.7	1.665	0.523	81.0	44 46 419	21 1238
2383	8.8	19 10.38	3.6946	0.0011	25 2 27.1	1.676	0.536	81.3	197 203 346	25 1275
2384	9.0	19 12.19	3.6404	0.0009	23 5 53.1	1.678	0.528	81.1	210a[1] 213 223 224	23 1354
2385	8.8	19 18.74	3.6940	0.0011	25 1 9.5	1.688	0.536	81.6	197 203 346 375	25 1276
2386	8.7	6 19 22.92	+3.6599	−0.0010	+23 48 16.6	−1.694	−0.531	80.1	23 48	23 1356
2387	8.1	19 23.91	3.5707	0.0007	20 30 47.0	1.695	0.518	81.6	214 221 410	20 1420
2388	8.9	19 39.80	3.6136	0.0009	22 7 4.4	1.718	0.524	81.6	198 207 420	22 1330
2389	9.1	19 41.25	3.6816	0.0011	24 35 3.1	1.721	0.534	81.9	6 Beob.[2]	24 1268
2390	8.5	19 44.61	3.6121	0.0009	22 3 43.1	1.725	0.524	81.3	43 174 417	22 1331
2391	8.2	6 19 49.75	+3.5933	−0.0008	+21 21 58.4	−1.733	−0.521	81.2	226 228	21 1241
2392	8.9[3]	19 49.85	3.6822	0.0011	24 36 17.0	1.733	0.534	82.1	361	}
2393	9.0[3]	19 49.95	3.6822	0.0011	24 36 19.3	1.733	0.534	81.7	205 219 371 423	} 24 1270
	9.0[3]	19 50.01	3.6822	0.0011	24 36 20.7	1.733	0.534	82.9	412	}
2394	8.4	19 51.45	3.5848	0.0008	21 2 55.0	1.735	0.520	81.2	226 228	21 1242
2395	8.7	20 4.20	3.6155	0.0009	22 11 25.5	1.754	0.525	81.3	43 174 419	22 1335
2396	8.6	6 20 18.64	+3.5796	−0.0008	+20 51 22.2	−1.775	−0.519	81.6	214 221 372 373	20 1426
2397	6.9	20 19.54	3.5798	0.0008	20 51 49.6	1.776	0.519	81.8	221 372 373	20 1427
2398	9.1	20 20.40	3.6744	0.0012	24 19 47.5	1.777	0.533	81.1	213 223 224	24 1273
2399	8.4	20 21.63	3.6580	0.0011	23 44 32.6	1.779	0.531	81.0	23 48 422	23 1362
2400	9.0	20 24.93	3.6800	0.0012	24 31 59.6	1.784	0.534	81.1	205 219	24 1274

[1] Z. 210a Gew. ½ [2] Z. 205 219 356 359 371 423 [3] Dupl. pr., med., seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2401	8.8	6h 20m 26s.71	+3s.6074	−0s.0009	+21° 53′ 34″.8	−1″.787	−0″.523	81.0	44 46 423	21° 1244
2402	6.2	20 30.62	3.5719	0.0008	20 34 10.2	1.792	0.518	82.1	354 357	20 1428
2403	9.2	20 33.80	3.5588	0.0008	20 4 23.3	1.797	0.516	80.7	25 29 375	20 1430
2404	8.7	20 36.62	3.6863	0.0013	24 45 20.9	1.801	0.535	81.3	197 203 356	24 1276
2405	8.2	20 40.88	3.5895	0.0009	21 13 53.7	1.807	0.521	81.7	226 228 420	21 1247
2406	8.8	6 20 54.89	+3.5802	−0.0009	+20 52 59.3	−1.828	−0.519	81.6	214 221 410	20 1435
2407	8.9	21 8.17	3.6010	0.0010	21 39 47.8	1.847	0.522	81.0	44 46 412	21 1251
2408	8.8	21 13.53	3.6509	0.0012	23 29 32.6	1.855	0.529	81.1	213 223 224	23 1369
2409	9.0	21 18.82	3.6620	0.0013	23 53 41.2	1.862	0.531	81.0	23 48 417	23 1371
2410	8.7	21 19.93	3.6262	0.0011	22 35 47.1	1.864	0.526	81.4	198 207 371	22 1342
2411	8.6	6 21 26.55	+3.6008	−0.0010	+21 39 28.8	−1.874	−0.522	81.7	226 228 423	21 1252
2412	8.3	21 28.38	3.5651	0.0009	20 18 57.7	1.876	0.517	82.3	354 357 421	20 1440
2413	8.8	21 29.19	3.6966	0.0014	25 7 43.1	1.877	0.536	81.6 81.8	197 203a 346 375	25 1289
2414	4.8	21 32.45	3.5643	0.0009	20 17 20.7	1.882	0.517	81.1	25 29 354 357	20 1441
2415	8.9	21 43.18	3.6350	0.0012	22 55 14.3	1.898	0.527	81.2	43 174 420	22 1343
2416	9.0	6 22 1.14	+3.6807	−0.0014	+24 34 11.8	−1.924	−0.534	81.6	205 219 410	24 1281
2417	8.7	22 19.90	3.6332	0.0013	22 51 30.3	1.951	0.526	81.6	198 207 417	22 1347
2418	8.6	22 44.13	3.6034	0.0012	21 45 50.9	1.986	0.522	81.0	44 46 412	21 1264
2419	7.3	22 48.84	3.6267	0.0013	22 37 33.1	1.993	0.525	81.8	43 174 419 420	22 1352
2420	8.6	22 55.61	3.5619	0.0010	20 12 34.9	2.003	0.516	80.9	25 29 421	20 1449
2421	8.8	6 23 0.31	+3.5792	−0.0011	+20 51 43.1	−2.010	−0.518	81.7	214 221 423	20 1450
2422	8.7	23 2.98	3.6539	0.0015	23 37 11.4	2.014	0.529	80.4	23 48 224	23 1380
2423	8.8	23 5.49	3.5783	0.0011	20 49 40.8	2.017	0.518	81.7	214 221 422	20 1451
2424	8.6	23 11.44	3.6775	0.0016	24 28 1.4	2.026	0.533	81.6	205 219 410	24 1294
2425	9.0	23 11.97	3.6093	0.0013	21 59 18.7	2.027	0.523	81.6	198 207 421	22 1356
2426	9.2	6 23 13.50	+3.6552	−0.0015	+23 40 6.9	−2.029	−0.529	81.1	213 223 224	23 1382
2427	8.3	23 14.80	3.5696	0.0011	20 30 12.0	2.031	0.517	82.3	354 357 419	20 1454
2428	7.5	23 27.01	3.6065	0.0013	21 53 13.7	2.048	0.522	81.6	198 207 417	21 1268
2429	8.9	23 38.43	3.6042	0.0013	21 48 5.3	2.065	0.522	80.2	44 46	} 21 1270
2430	8.5	23 38.99	3.6042	0.0013	21 48 8.4	2.066	0.522	81.2	226 228	}
2431	9.0	6 24 2.48	+3.6941	−0.0018	+25 4 0.9	−2.100	−0.535	81.2	5 Beob.[1]	25 1308
2432	9.4	24 2.58	3.6922	0.0018	24 59 50.5	2.100	0.535	82.0	346 356 359	25 1309
2433	7.4	24 27.57	3.6167	0.0015	22 16 17.4	2.136	0.523	81.6	43 174 371 421	22 1364
2434	8.4	24 35.54	3.5562	0.0012	20 0 14.4	2.148	0.515	80.7	25 29 375	20 1468
2435	8.9	24 56.09	3.5966	0.0014	21 31 52.1	2.178	0.520	81.0	44 46 412	21 1276
2436	9.0	6 25 5.58	+3.6420	−0.0017	+23 12 23.8	−2.191	−0.527	80.9	23 48 410	23 1389
2437	9.0	25 9.88	3.5842	0.0014	21 4 12.2	2.198	0.519	81.5	226 228 361	21 1277
2438	8.8:	25 9.92	3.6411	0.0017	23 10 26.2	2.198	0.527	82.9	410	[23 1391]
2439	9.3	25 10.70	3.5846	0.0014	21 4 56.2	2.199	0.519	82.1	354 357 361	[21 1278]
2440	8.5	25 13.00	3.5817	0.0014	20 58 30.6	2.202	0.518	82.1	214 221 417 420	20 1471
2441	8.6	6 25 23.99	+3.6020	−0.0015	+21 44 17.8	−2.218	−0.521	81.7	226 228 421	21 1281
2442	8.6	25 24.28	3.5961	0.0015	21 30 59.2	2.218	0.520	81.0	44 46 419	21 1280
2443	8.8	25 40.23	3.6674	0.0019	24 7 52.4[2]	2.242	0.530	81.1	197a 203 205 219	24 1303
2444	8.5	25 40.57	3.5598	0.0014	20 9 13.8	2.242	0.515	80.7	25 29 357	20 1475
2445	8.8	25 51.80	3.6259	0.0017	22 37 36.0	2.258	0.524	81.3	43 174 371 373	22 1377
2446	8.6	6 25 52.10	+3.6435	−0.0018	+23 16 7.6	−2.259	−0.527	80.7	23 48 346	23 1398
2447	9.3	25 53.86	3.6262	0.0017	22 38 15.8	2.261	0.524	81.7	5 Beob.[3]	22 1379
2448	9.0	25 54.79	3.6497	0.0018	23 29 42.5	2.263	0.528	81.1	213 223 224	23 1399
2449	9.1[4]	26 1.18	3.5811	0.0015	20 57 34.1	2.272	0.518	81.6	214 221 412	20 1479
2450	8.8	26 11.62	3.6491	0.0019	23 28 28.5	2.287	0.528	81.1	213 223 224	23 1401

[1] Z. 197 203 205 219 346 [2] Z. 197 55″.9 ausgeschlossen [3] Z. 198 207 361 372 373 [4] Seq. bor. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2451	8.5	6h 26m 18s.56	+3s.5859	−0s.0016	+21° 8′ 42″.9	−2″.297	−0″.518	82.1	226 228 417 420	21° 1284
2452	8.1	26 25.24	3.6205	0.0018	22 25 56.7	2.307	0.523	82.3	354 357 419	22 1383
2453	8.7	26 27.06	3.6398	0.0018	23 8 26.6	2.309	0.526	81.1	213 223 224	23 1403
2454	7.6	26 32.13	3.6145	0.0017	22 12 37.6	2.317	0.523	81.6	198 207 422	22 1384
2455	7.3	26 35.57	3.6146	0.0017	22 13 1.6	2.322	0.523	81.6	198 207 422	22 1386
2456	8.3	6 26 51.56	+3.5963	−0.0017	+21 32 13.2	−2.345	−0.520	81.0	44 46 421	21 1287
2457	8.7	26 56.37	3.6124	0.0018	22 8 10.4	2.352	0.522	81.1	43 174 375	22 1388
2458	8.3	26 58.50	3.5958	0.0017	21 31 21.9	2.355	0.520	81.7	226 228 422	21 1288
2459	8.8	27 0.99	3.6439	0.0019	23 17 38.9	2.359	0.527	80.7	23 48 346	23 1407
2460	8.3	27 6.71	3.6015	0.0018	21 44 8.6	2.367	0.521	82.3	354 357 412	21 1289
2461	9.1	6 27 14.43	+3.6488	−0.0020	+23 28 35.6	−2.378	−0.527	80.7	23 48 346	23 1408
2462	7.9	27 20.21	3.6917	0.0022	25 0 57.2	2.386	0.534	81.1	197 203[1] 205 219	25 1326
2463	8.5	27 22.73	3.6836	0.0022	24 43 45.9	2.390	0.532	81.3	197 203 356	24 1317
2464	9.1	27 23.72	3.5736	0.0016	20 41 23.4	2.391	0.516	80.9	25 29 417	20 1489
2465	8.9	27 27.62	3.6654	0.0021	24 4 40.7	2.397	0.530	81.7	205 219 419	24 1318
2466	9.0	6 27 33.51	+3.6344	−0.0020	+22 57 19.1	−2.406	−0.525	80.5	43 174	22 1392
2467	8.9	27 55.66	3.5680	0.0017	20 29 6.8	2.438	0.516	80.9	25 29 423	20 1493
2468	8.3	27 57.80	3.5957	0.0018	21 31 33.9	2.441	0.519	80.2	44 46	21 1292
2469	9.0	27 58.51	3.5696	0.0017	20 32 44.8	2.442	0.516	81.1	214 221	20 1494
2470	8.0	28 9.26	3.5812	0.0018	20 59 13.1	2.457	0.517	81.4	214 221 354	20 1496
2471	9.0	6 28 19.21	+3.6271	−0.0020	+22 41 40.1	−2.472	−0.524	81.3	43 174 419	22 1397
2472	8.9	28 56.62	3.6775	0.0024	24 31 45.1	2.526	0.531	81.3	197 203 356	24 1321
2473	8.6	28 57.17	3.5922	0.0019	21 24 23.4	2.527	0.519	81.7	226 228 422	21 1300
2474	9.0	29 1.82	3.6704	0.0024	24 16 30.1	2.533	0.530	81.1	205 219	24 1322
2475	7.6	29 7.61	3.6406	0.0022	23 11 52.6	2.542	0.526	80.1	23 48	23 1425
2476	8.8	6 29 14.34	+3.6013	−0.0020	+21 45 5.5	−2.552	−0.520	81.0	44 46 423	21 1304
2477	9.1	29 27.87	3.6120	0.0021	22 9 5.5	2.571	0.521	81.0	43 174 354	22 1404
2478	8.8	29 28.35	3.6765	0.0024	24 30 1.2	2.572	0.531	81.6	197 203 412	24 1326
2479	7.0	29 47.43	3.6818	0.0025	24 41 33.3	2.599	0.531	82.1	356 359	24 1328
2480	8.2	29 57.76	3.6146	0.0022	22 15 5.1	2.614	0.522	81.1	198 207	22 1408
2481	8.8	6 30 3.86	+3.6519	−0.0024	+23 37 17.7	−2.623	−0.527	82.4	361 371 419	23 1428
2482	9.3[2]	30 4.05	3.6555	0.0024	23 45 1.9	2.623	0.527	81.9	48 420 422	
	9.2[3]	30 4.30	3.6555	0.0024	23 45 2.9	2.624	0.527	80.0	23	23 1429
2483	9.2[4]	30 4.32	3.6555	0.0024	23 45 3.0	2.624	0.527	82.8	372 420 423	
2484	7.6	30 5.31	3.6299	0.0023	22 49 9.2	2.625	0.524	80.8	43 198 207	22 1410
2485	8.4	30 7.36	3.6027	0.0021	21 48 47.3	2.628	0.520	80.2	44 46	21 1308
2486	8.8	6 30 11.99	+3.6425	−0.0024	+23 16 47.9	−2.635	−0.526	82.8	372 417 420	23 1432
2487	9.2	30 12.80	3.6424	0.0024	23 16 31.5	2.636	0.526	82.6	373 420	
2488	8.6	30 15.70	3.5958	0.0021	21 33 19.4	2.640	0.519	82.1	354 357	21 1310
2489	6.3	30 15.99	3.6542	0.0024	23 42 26.8	2.641	0.527	82.1	48 359 417 419	23 1433
2490	8.9	30 17.91	3.5599	0.0019	20 11 59.8	2.643	0.513	80.9	25 29 421	20 1507
2491	9.0	6 30 19.86	+3.5560	−0.0019	+20 3 6.7	−2.646	−0.513	80.1	25 29	20 1508
2492	8.7	30 21.69	3.6885	0.0026	24 56 17.7	2.649	0.532	82.1	359 375	24 1331
2493	9.3	30 22.39	3.5602	0.0019	20 12 49.5	2.650	0.514	83.0	417 422 423	— —
2494	7.1	30 39.51	3.6777	0.0026	24 33 21.9	2.675	0.530	82.1	197 203 421 423	24 1332
2495	7.7	30 50.55	3.6064	0.0022	21 57 32.8	2.691	0.520	82.1	354 357	21 1312
2496	8.9	6 30 52.97	+3.5985	−0.0022	+21 39 52.8	−2.694	−0.519	80.2	44 46	21 1314
2497	8.8	31 19.31	3.6798	0.0027	24 38 34.5	2.732	0.531	81.6	197 203 417	24 1338
2498	8.8	31 25.79	3.6253	0.0024	22 39 49.2	2.742	0.523	81.1	198 207	22 1415
2499	6.2	31 34.08	3.6110	0.0024	22 8 18.4	2.754	0.520	81.1	198 207	22 1416
2500	8.7	31 44.19	3.6948	0.0029	25 10 45.0	2.768	0.533	81.1	203	25 1362

[1] Z. 203 δ Gew. ½ [2] Dupl. pr. [3] Dupl.? (schlechtes Bild) [4] Dupl. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2501	8.8	6h 31m 45s.44	+3s.6496	−0s.0026	+23° 33′ 26″.1	−2″.770	−0″.526	81.0	23 48 423	23° 1440
2502	8.7	31 46.33	3.5908	0.0023	21 23 13.5	2.771	0.517	81.6	46 354 419	21 1318
2503	7.2	31 51.51	3.6814	0.0028	24 42 18.7	2.779	0.531	82.1	356 361	24 1343
2504	9.1	31 51.75	3.6926	0.0029	25 6 17.3	2.779	0.532	81.7	197 359 377	25 1365
2505	9.2	31 54.03	3.5910	0.0023	21 23 40.1	2.782	0.517	80.9	44 226 228	21 1321
2506	8.8	6 31 57.63	+3.6274	−0.0025	+22 45 1.4	−2.788	−0.523	80.5	43 174	22 1420
2507	8.7	31 59.50	3.6101	0.0024	22 6 40.0	2.790	0.520	81.1	198 207	22 1421
2508	9.0	32 17.40	3.6653	0.0028	24 7 58.4	2.816	0.528	82.1	356 359	24 1345
2509	8.8	32 20.65	3.6160	0.0025	22 19 53.2	2.821	0.521	81.2	226 228	22 1424
2510	7.6	32 28.65	3.6556	0.0027	23 47 2.8	2.832	0.527	81.0	23 48 417	23 1446
2511	8.2	6 32 33.34	+3.5696	−0.0022	+20 35 48.9	−2.839	−0.514	82.1	354 357	20 1521
2512	9.1	32 39.66	3.6358	0.0026	23 3 57.9	2.848	0.524	81.1	213 223 224	23 1448
2513	9.1	32 42.66	3.6213	0.0026	22 31 59.8	2.853	0.522	80.9	43 174 357	22 1427
2514	9.3	32 42.80	3.5569	0.0022	20 6 46.3	2.853	0.512	80.7	25 29 376	20 1523
2515	9.2	32 47.07	3.6499	0.0027	23 34 51.2	2.859	0.526	82.1	361 371 375	23 1450
2516	8.6	6 32 50.12	+3.6547	−0.0028	+23 45 23.6	−2.863	−0.526	81.1	213 223 224	23 1451
2517	9.1	32 52.47	3.5553	0.0022	20 3 23.7	2.867	0.512	80.1	25 29	20 1524
2518	9.0	32 55.78	3.6346	0.0027	23 1 27.7	2.872	0.523	81.0	52 54 423	23 1453
2519	8.9	33 7.41	3.6837	0.0030	24 48 15.3	2.888	0.530	81.1	18 359	24 1349
2520	8.6	33 15.26	3.5814	0.0024	21 3 6.1	2.900	0.516	80.2	44 46	21 1329
2521	8.9	6 33 21.43	+3.6331	−0.0027	+22 58 31.3	−2.909	−0.523	80.2	52 54	22 1428
2522	8.6	33 21.81	3.6416	0.0028	23 17 14.7	2.909	0.524	81.1	213 223 224	23 1455
2523	9.0	33 31.03	3.6315	0.0027	22 55 17.1	2.922	0.523	82.0	198 207 417 420	22 1432
2524	8.6	33 31.75	3.6825	0.0030	24 46 9.5	2.923	0.530	81.1	18 21 375 377	24 1353
2525	8.7	33 34.78	3.6666	0.0030	24 11 51.0	2.928	0.528	82.1	356 361	24 1354
2526	8.5	6 33 36.37	+3.6633	−0.0029	+24 4 48.1	−2.930	−0.527	81.0	197 203	24 1357
2527	8.1	33 36.86	3.5735	0.0024	20 45 29.6	2.931	0.514	81.2	226 228	20 1528
2528	8.3	33 55.03	3.5556	0.0023	20 4 49.4	2.957	0.512	80.1	25 29	20 1531
2529	8.8	34 19.93	3.5877	0.0026	21 18 8.0	2.993	0.516	82.1	354 357	21 1339
2530	9.0	34 20.59	3.6272	0.0028	22 46 20.0	2.994	0.522	81.0	43 174 377	22 1438
2531	9.0	6 34 28.30	+3.5693	−0.0025	+20 36 33.4	−3.005	−0.513	82.2	372 373 376	20 1533
2532	8.6	34 32.18	3.5596	0.0024	20 14 16.7	3.011	0.512	80.1	25 29	20 1535
2533	9.0	34 35.20	3.5618	0.0024	20 19 29.3	3.015	0.512	82.1	354 357	20 1534
2534	9.0	34 45.16	3.6846	0.0032	24 51 41.6	3.029	0.530	80.9	18 21 420	24 1365
2535	9.0	34 57.73	3.5750	0.0026	20 49 46.3	3.047	0.514	81.2	226 228	20 1536
2536	9.0	6 35 2.06	+3.6128	−0.0028	+22 14 54.8	−3.054	−0.519	80.2	52 54	22 1445
2537	8.6	35 6.05	3.5609	0.0025	20 17 40.1	3.059	0.512	82.1	354 357	20 1537
2538	9.0	35 8.48	3.6225	0.0029	22 36 35.5	3.063	0.521	82.1	361 375	22 1446
2539	9.1	35 9.88	3.5640	0.0025	20 24 50.4	3.065	0.512	82.7	376 410 419 423	20 1539
2540	8.2	35 19.05	3.6421	0.0030	23 19 56.4	3.078	0.524	81.1	48 359	23 1467
2541	8.6	6 35 22.45	+3.6675	−0.0032	+24 15 18.9	−3.083	−0.527	81.1	213 223 224	24 1369
2542	9.0	35 24.80	3.5694	0.0026	20 37 30.3	3.086	0.513	81.2	226 228	20 1540
2543	8.8	35 29.47	3.5982	0.0028	21 42 41.5	3.093	0.517	82.5	371 376 426,2	21 1348
2544	8.5	35 35.93	3.5553	0.0025	20 5 18.4	3.102	0.511	80.1	25 29	20 1541
2545	9.0	35 48.08	3.6224	0.0030	22 36 58.4	3.120	0.520	82.1	361 375	22 1448
2546	8.8	6 35 58.22	+3.5973	−0.0028	+21 40 55.2	−3.135	−0.517	82.7	376 419 426,2	21 1351
2547	9.3	35 58.64	3.6145	0.0029	22 19 25.9	3.135	0.519	83.1	428 432	— —
2548	8.7	35 59.39	3.5974	0.0028	21 41 13.1	3.136	0.517	82.5	371 376 426,2	21 1352
2549	8.9	36 3.77	3.6152	0.0029	22 21 10.5	3.143	0.519	82.8	377 410 419 427,2	22 1449
2550	8.9	36 5.76	3.5664	0.0026	20 31 0.4	3.145	0.512	82.1	354 357	20 1543

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2551	8.6	$6^h\ 36^m\ 12^s.90$	$+3^s.6215$	$-0^s.0030$	$+22°\ 35'\ 13''.1$	$-3''.156$	$-0''.520$	82.1	361 375	22° 1450
2552	9.1	36 23.00	3.5811	0.0028	21 4 46.9	3.170	0.514	81.2	226 228	21 1355
2553	8.7	36 28.71	3.6786	0.0034	24 40 15.8	3.179	0.528	82.6	359 423	24 1375
2554	8.8	36 34.33	3.5801	0.0028	21 2 36.6	3.187	0.514	82.5	371 377 428	21 1358
2555	8.6	36 35.43	3.6602	0.0033	24 0 30.6	3.188	0.526	81.1	213 223 224	24 1377
2556	9.1	6 36 39.49	+3.6726	−0.0034	+24 27 28.4	−3.194	−0.527	82.6	359 423	24 1378
2557	8.4	36 52.01	3.6243	0.0031	22 42 8.5	3.212	0.520	82.1	361 374	22 1453
2558	8.9	36 56.41	3.6658	0.0034	24 13 1.4	3.218	0.526	82.7	375 421 422	24 1381
2559	8.5[1]	37 1.78	3.6479	0.0033	23 34 16.4	3.226	0.524	82.2	224 426,2	}
	8.2[1]	37 1.83	3.6479	0.0033	23 34 16.4	3.226	0.524	81.1	213 223	} 23 1480
2560	8.9[1]	37 1.94	3.6479	0.0033	23 34 16.9	3.226	0.524	83.1	427,2 432	}
2561	6.2	6 37 3.72	+3.5739	−0.0028	+20 48 58.9	−3.229	−0.513	82.1	354 357	20 1549
2562	8.5	37 14.44	3.5553	0.0027	20 6 40.3	3.244	0.510	80.1	25 29	20 1550
2563	8.8	37 18.68	3.6418	0.0033	23 21 7.4	3.250	0.523	81.1	213 223 224	23 1483
2564	7.2	37 23.01	3.6312	0.0032	22 57 42.6	3.257	0.521	82.2	374 376	22 1456
2565	8.5	37 24.80	3.6095	0.0031	22 9 29.7	3.259	0.518	82.5	371 377 427,2	22 1458
2566	9.0	6 37 25.23	+3.6599	−0.0034	+24 0 38.0	−3.260	−0.525	82.1	359 375	24 1384
2567	7.6	37 27.21	3.5782	0.0029	20 59 4.7	3.263	0.513	81.2	226 228	20 1552
2568	8.2	37 30.38	3.6298	0.0032	22 54 53.2	3.267	0.521	82.7	376 419 426,2	22 1461
2569	8.8	37 33.52	3.5557	0.0027	20 7 47.7	3.272	0.510	82.4	354 357 428	20 1553
2570	8.7	37 38.56	3.6111	0.0031	22 13 19.1	3.279	0.518	82.5	371 377 427,2	22 1462
2571	7.2[2]	6 37 43.69	+3.6816	−0.0036	+24 47 53.5	−3.286	−0.528	83.1	421 422 423	24 1386
2572	7.4	37 46.82	3.6531	0.0034	23 46 18.2	3.291	0.524	81.1	213 223 224	23 1486
2573	9.0	37 52.83	3.6784	0.0036	24 41 8.4	3.300	0.528	80.0	18 21	24 1388
2574	9.0	37 58.00	3.5573	0.0028	20 11 45.1	3.307	0.510	83.1	419 421 426,2	20 1555
2575	8.2	37 59.43	3.6663	0.0036	24 15 14.4	3.309	0.526	82.1	359 374	24 1390
2576	8.6	6 38 3.72	+3.6588	−0.0035	+23 58 49.2	−3.315	−0.525	82.4	375 377 422	23 1489
2577	9.1	38 7.10	3.6245	0.0033	22 43 29.9	3.320	0.520	82.6	361 423	22 1465
2578	7.3	38 35.21	3.6453	0.0035	23 29 52.0	3.361	0.523	81.1	213 223 224	23 1491
2579	9.0	38 42.29	3.6563	0.0036	23 54 4.9	3.371	0.524	81.2	48 376	23 1492
2580	9.0	38 47.03	3.5956	0.0032	21 39 39.4	3.378	0.515	80.2	44 46	21 1372
2581	8.9	6 38 47.69	+3.6234	−0.0034	+22 41 52.5	−3.378	−0.519	80.2	52 54	22 1469
2582	9.1	38 52.14	3.6650	0.0037	24 13 4.9	3.385	0.525	82.4	359 371 422	24 1393
2583	8.5	38 59.68	3.5737	0.0030	20 50 1.3	3.396	0.512	81.3	187 201 354	20 1562
2584	8.9	39 1.83	3.5773	0.0031	20 58 22.5	3.399	0.513	81.6	187 201 421	20 1564
2585	8.7	39 3.51	3.6578	0.0036	23 57 39.2	3.401	0.524	82.4	361 375 423	23 1493
2586	8.6	6 39 11.12	+3.6665	−0.0037	+24 16 47.1	−3.412	−0.525	82.2	374 377	24 1394
2587	8.2	39 14.51	3.6536	0.0036	23 48 37.7	3.417	0.524	81.1	48 361	23 1494
2588	9.2	39 15.89	3.5787	0.0031	21 1 49.0	3.419	0.513	81.7	226 228 419	21 1377
2589	8.7	39 21.47	3.6674	0.0037	24 18 50.5	3.427	0.525	82.1	359 374	24 1397
2590	8.6	39 27.11	3.5661	0.0030	20 33 4.3	3.435	0.511	81.2	226 228	20 1566
2591	9.0	6 39 29.34	+3.6695	−0.0038	+24 23 36.3	−3.438	−0.526	82.2	371 375 376	24 1399
2592	9.1	39 35.08	3.6855	0.0039	24 58 3.8	3.447	0.528	80.0	18 21	24 1401
2593	8.7	39 38.82	3.5756	0.0031	20 54 55.9	3.452	0.512	81.6	187 201 420	20 1567
2594	8.0	39 42.01	3.6131	0.0034	22 19 43.8[3]	3.457	0.518	80.2	52 54a	22 1473
2595	8.9	39 55.62	3.5974	0.0033	21 44 40.9	3.476	0.515	81.0	44 46 423	21 1380
2596	8.8	6 40 15.71	+3.5918	−0.0033	+21 32 13.4	−3.505	−0.514	81.7	226 228 421	21 1382
2597	9.5	40 16.32	3.6183	0.0035	22 31 50.0	3.506	0.518	83.0	419	[22 1474]
2598	7.3	40 17.92	3.5994	0.0034	21 49 29.5	3.508	0.515	80.8	44 46 377	21 1383
2599	8.8	40 20.79	3.6661	0.0039	24 17 5.5	3.512	0.525	81.4	197 203 374	24 1404
2600	8.8	40 26.52	3.6115	0.0035	22 16 53.0	3.520	0.517	80.2	52 54	22 1475

[1] Dupl. pr., med., seq. [2] Z. 410 $6^m.5$ [3] Z. 54 $37^s.8$ ausgeschlossen

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2601	8.0	6h 40m 43s.15	+3s.6405	−0s.0037	+23° 21′ 27″.8	−3s.544	−0s.521	81.1	48 359	23° 1499
2602	8.9	40 44.37	3.5770	0.0033	20 59 11.4	3.546	0.512	81.3	187 201 354	21 1387
2603	8.7	40 49.36	3.6169	0.0036	22 29 5.2	3.553	0.518	81.1	198 207	22 1477
2604	8.4	40 50.56	3.6719	0.0040	24 30 0.7	3.555	0.526	80.9	18 21 422	24 1406
2605	8.9	40 54.56	3.5570	0.0031	20 13 38.9	3.561	0.509	80.1	25 29	20 1574
2606	8.8	6 41 2.79	+3.5752	−0.0033	+20 55 23.7	−3.573	−0.512	82.4	354 357 423	20 1575
2607	9.0	41 7.47	3.6229	0.0036	22 42 47.7	3.579	0.518	81.0	52 54 417	22 1480
2608	9.1	41 9.49	3.6672	0.0040	24 20 13.9	3.582	0.525	81.4	197 203 371	24 1408
2609	8.6	41 22.01	3.6545	0.0039	23 52 44.1	3.600	0.523	81.1	213 223 224	23 1503
2610	8.5	41 22.28	3.5903	0.0034	21 29 52.7	3.600	0.514	81.7	226 228 421	21 1388
2611	9.2	6 41 27.99	+3.5921	−0.0035	+21 34 10.0	−3.609	−0.514	80.8	44 46 377	21 1389
2612	8.4	41 31.44	3.5692	0.0033	20 42 1.4	3.614	0.511	81.5	187 201 372 373	20 1578
2613	7.0:	41 34.10	3.6396	0.0038	23 20 21.3	3.617	0.521	81.1	48 357	23 1504
2614	8.0	41 43.83	3.6155	0.0037	22 26 55.1	3.631	0.517	81.1	198 207	22 1484
2615	8.4	41 47.98	3.6114	0.0036	22 17 55.2	3.637	0.516	82.3	354 357 422	22 1485
2616	9.1	6 42 4.29	+3.6163	−0.0037	+22 29 0.9	−3.661	−0.517	81.0	52 54 417	22 1486
2617	8.7	42 8.52	3.6296	0.0038	22 58 43.5	3.667	0.519	81.1	213 223 224	22 1487
2618	8.6	42 20.63	3.6090	0.0037	22 12 57.7	3.684	0.516	81.1	198 207	22 1490
2619	8.5	42 38.25	3.6655	0.0042	24 17 56.1	3.709	0.524	80.7	18 21 371	24 1417
2620	9.2	43 2.38	3.5865	0.0036	21 23 2.2	3.744	0.512	80.2	44 46	21 1396
2621	8.3	6 43 2.58	+3.6525	−0.0041	+23 50 4.7	−3.744	−0.522	81.0	23 48 417	23 1509
2622	8.7	43 4.00	3.6864	0.0044	25 3 41.3	3.746	0.527	80.0	18 21	25 1458
2623	8.4	43 6.94	3.5530	0.0034	20 6 23.9	3.751	0.507	80.1	25 29	20 1587
2624	8.0	43 26.47	3.5536	0.0034	20 7 58.7	3.779	0.507	80.1	25 29	20 1589
2625	8.5	43 31.52	3.5747	0.0036	20 56 26.2	3.786	0.510	81.3	187 201 354	20 1590
2626	9.0	6 43 39.55	+3.5912	−0.0037	+21 34 17.3	−3.797	−0.513	80.2	44 46	21 1399
2627	8.3	43 47.18	3.6432	0.0042	23 30 33.1	3.808	0.520	80.1	23 48	23 1513
2628	9.2	43 51.19	3.6300	0.0041	23 1 23.3	3.814	0.518	81.1	213 223 224	23 1514
2629	9.2	43 56.02	3.5773	0.0037	21 2 49.0	3.821	0.510	82.1	361 372 373 374	21 1403
2630	6.0	44 3.50	3.6000	0.0038	21 54 23.4	3.832	0.514	82.1	361 375	21 1405
2631	8.8	6 44 3.78	+3.6779	−0.0045	+24 46 21.8	−3.832	−0.525	80.0	18 21	24 1427
2632	9.0	44 18.27	3.5522	0.0035	20 5 33.9	3.853	0.507	80.1	25 29	20 1596
2633	6.2 [1]	44 24.58	3.6494	0.0043	23 44 50.6	3.862	0.521	80.1	23 48	23 1518
2634	8.6	44 25.98	3.5622	0.0036	20 28 51.7	3.864	0.508	81.6	187 201 426,2	20 1598
2635	9.1	44 26.91	3.5588	0.0036	20 20 51.5	3.865	0.508	82.5	377 410	20 1599
2636	9.0	6 44 43.61	+3.5601	−0.0036	+20 24 15.8	−3.889	−0.508	81.6	187 201 426,2	20 1601
2637	9.0	44 45.11	3.5523	0.0036	20 6 13.3	3.891	0.507	80.7	25 29 361	20 1602
2638	9.3	44 52.99	3.5925	0.0039	21 38 28.2	3.902	0.512	80.2	44 46	21 1413
2639	8.7	45 4.75	3.6869	0.0047	25 7 4.7	3.919	0.526	80.0	18 21	25 1478
2640	8.9	45 5.96	3.6331	0.0043	23 9 28.4	3.921	0.518	81.1	213 223 224	23 1520
2641	8.8	6 45 25.79	+3.5629	−0.0037	+20 31 21.3	−3.949	−0.508	81.6	187 201 422	20 1608
2642	9.0	45 43.30	3.6387	0.0044	23 22 32.1	3.974	0.518	80.1	23 48	23 1523
2643	9.0	45 45.22	3.5876	0.0040	21 28 13.7	3.977	0.511	82.1	354 357	21 1417
2644	9.2	45 47.15	3.5506	0.0037	20 3 20.2	3.980	0.506	80.1	25 29	20 1610
2645	8.9	45 50.25	3.6360	0.0044	23 16 51.4	3.984	0.518	81.1	213 223 224	23 1525
2646	8.5	6 45 50.84	+3.6096	−0.0042	+22 17 58.6	−3.985	−0.514	82.1	361 372 373	22 1506
2647	8.5	45 57.09	3.5981	0.0041	21 52 8.7	3.994	0.512	80.2	44 46	21 1419
2648	9.1	46 0.04	3.5928	0.0040	21 40 15.3	3.998	0.512	81.7	226 228 410	21 1420
2649	8.5	46 3.77	3.6263	0.0043	22 55 36.2	4.004	0.516	82.4	375 376 421	22 1508
2650	9.0	46 9.90	3.6295	0.0044	23 2 40.3	4.012	0.517	81.2	223	[23 1529]

[1] Roth

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2651	9.0	6h 46m 12s.17	+3s.6807	−0s.0048	+24° 54′ 52″.1	−4″.016	−0″.524	80.0	18 21	24° 1437
2652	8.8	46 15.60	3.5757	0.0039	21 1 28.1	4.020	0.509	81.4	187 201 377	21 1422
2653	9.0	46 16.62	3.6707	0.0047	24 33 24.6	4.022	0.523	82.1	359 374	24 1440
2654	8.8	46 18.12	3.6575	0.0046	24 4 40.1	4.024	0.521	81.1	213 224	24 1442
2655	9.0	46 18.65	3.6561	0.0046	24 1 29.5	4.025	0.521	81.1	213 224	24 1441
2656	9.1	6 46 32.64	+3.6124	−0.0043	+22 24 51.2	−4.045	−0.514	81.5	226 228 361	22 1510
2657	9.1	46 48.91	3.6273	0.0044	22 58 28.5	4.068	0.516	81.0	52 54 419	22 1512
2658	8.9	46 49.00	3.6315	0.0045	23 7 56.2	4.068	0.517	81.0	23 48 422	23 1533
2659	7.2	46 53.64	3.5830	0.0041	21 18 56.1	4.075	0.510	81.0	44 46 423	21 1426
2660	7.4	47 5.41	3.6660	0.0048	24 24 8.2	4.092	0.522	82.0	233 374 410	24 1451
2661	8.9	6 47 13.80	+3.6547	−0.0047	+23 59 34.2	−4.104	−0.520	81.0	50 57 421	24 1452
2662	7.9	47 28.04	3.5936	0.0042	21 43 31.9	4.124	0.511	81.2	226 228	21 1428
2663	8.4	47 32.42	3.6199	0.0045	22 42 54.4	4.130	0.515	80.2	52 54	22 1515
2664	8.9	47 36.47	3.5951	0.0042	21 47 0.8	4.136	0.511	82.1	354 357	21 1429
2665	9.0	47 40.27	3.5606	0.0040	20 28 13.1	4.141	0.506	81.4	187 201 373	20 1622
2666	8.9	6 47 43.19	+3.5942	−0.0042	+21 45 9.0	−4.146	−0.511	81.0	44 46 423	21 1431
2667	8.8	47 50.39	3.6075	0.0044	22 15 29.8	4.156	0.513	81.0	52 54 419	22 1518
2668	9.0	47 57.59	3.5569	0.0040	20 20 1.0	4.166	0.506	82.1	361 374	[20 1624]
2669	8.5	48 0.32	3.6590	0.0049	24 9 51.7	4.170	0.520	81.0	50 57 422	24 1457
2670	8.9	48 2.53	3.5572	0.0040	20 20 55.9	4.173	0.506	82.1	354 357	20 1626
2671	9.0	6 48 3.88	+3.6734	−0.0050	+24 41 25.0	−4.175	−0.522	80.6	18 21 359	24 1458
2672	9.2	48 4.02	3.6505	0.0048	23 51 19.9	4.175	0.519	81.0	23 48 421	23 1542
2673	8.7	48 17.65	3.5543	0.0040	20 14 31.8	4.195	0.505	80.1	25 29	20 1628
2674	9.0	48 40.10	3.5543	0.0040	20 14 44.6	4.227	0.505	80.7	25 29 373	} 20 1633
2675	9.0	48 40.25	3.5543	0.0040	20 14 42.5	4.227	0.505	82.2	376	
2676	9.1	6 48 40.71	+3.5540	−0.0040	+20 14 10.0	−4.228	−0.505	81.6	187 201 375 377	20 1634
2677	9.0	48 41.92	3.6715	0.0050	24 38 1.3	4.229	0.522	81.0	50 57 410	24 1461
2678	8.8	48 45.64	3.6630	0.0050	24 19 28.8	4.235	0.520	81.7	213 224 422	24 1463
2679	9.3	48 57.34	3.5883	0.0044	21 33 15.9	4.251	0.510	81.0	44 46 419	21 1434
2680	9.1	48 59.88	3.5766	0.0043	21 6 33.6	4.255	0.508	81.5	226 228 373	21 1435
2681	8.5	6 49 9.83	+3.6664	−0.0051	+24 27 26.0	−4.269	−0.521	81.1	213 223 224	24 1467
2682	8.9	49 13.91	3.6807	0.0052	24 58 36.9	4.275	0.523	80.6	18 21 359	25 1507
2683	7.9	49 21.02	3.6758	0.0052	24 48 13.7	4.285	0.522	81.0	50 57 421	24 1470
2684	7.8	49 21.41	3.6846	0.0053	25 7 4.9	4.286	0.523	80.7	18 21 377	25 1509
2685	8.2	49 21.90	3.5769	0.0043	21 7 37.6	4.286	0.508	81.7	226 228 423	21 1437
2686	8.8	6 49 37.03	+3.6398	−0.0049	+23 29 39.6	−4.308	−0.517	80.1	23 48	23 1550
2687	8.9	49 46.99	3.5644	0.0042	20 39 23.9	4.322	0.506	81.0	187 201	20 1644
2688	8.9	49 47.35	3.5776	0.0044	21 9 39.3	4.323	0.508	82.1	354 357	21 1439
2689	8.6	49 47.86	3.5998	0.0046	22 0 18.1	4.323	0.511	82.3	354 357 374 410	22 1523
2690	8.9	49 52.92	3.6232	0.0048	22 52 55.9	4.330	0.514	81.0	52 54 419	22 1524
2691	9.3	6 49 54.80	+3.5986	−0.0046	+21 57 34.5	−4.333	−0.510	80.2	44 46	21 1442
2692	9.0	50 2.55	3.5533	0.0042	20 13 55.7	4.344	0.504	80.1	25 29	20 1649
2693	8.8	50 11.31	3.6798	0.0053	24 57 56.4	4.357	0.522	82.4	374 376 422	24 1477
2694	8.5	50 14.59	3.6278	0.0049	23 3 35.3	4.361	0.515	81.0	23 48 421	23 1554
2695	8.9	50 15.83	3.5994	0.0046	21 59 51.2	4.363	0.510	82.4	354 357 423	22 1527
2696	9.3[1]	6 50 17.52	+3.5779	−0.0044	+21 10 48.8	−4.365	−0.507	81.5	226 228 375	21 1445
2697	8.0	50 21.06	3.5634	0.0043	20 37 45.0	4.371	0.505	81.4	187 201 375	20 1651
2698	8.3	50 28.90	3.6844	0.0054	25 8 8.6	4.382	0.522	80.7	18 21 377	25 1517
2699	8.4	50 36.49	3.5839	0.0045	21 25 2.9	4.392	0.508	82.1	361 373	21 1447
2700	7.6	50 39.76	3.6162	0.0048	22 38 10.9	4.397	0.513	80.2	52 54	22 1531

[1] Z. 375 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2701	8.9	$6^h\ 50^m\ 40^s.70$	$+3^s.5801$	$-0^s.0045$	+21° 16' 23".6	−4".398	−0".507	82.1	361 375	21° 1448
2702	8.9	50 45.26	3.6773	0.0054	24 53 13.8	4.405	0.521	82.2	374 376	24 1481
2703	8.6	50 48.55	3.6828	0.0054	25 5 10.6	4.410	0.522	81.0	50 57 410	25 1519
2704	8.6[1]	50 56.90	3.6102	0.0048	22 24 59.4	4.422	0.511	82.4	354 357 423	22 1533
2705	8.9	51 23.29	3.5544	0.0044	20 17 56.6	4.459	0.503	81.3	25 29 374 421	20 1655
2706	8.2	6 51 23.48	+3.5932	−0.0047	+21 47 3.6	−4.459	−0.509	81.0	44 46 419	21 1453
2707	9.1	51 23.84	3.6803	0.0055	25 0 27.3	4.460	0.521	81.0 80.2	50 57 422a	25 1522
2708	8.5	51 30.46	3.5789	0.0046	21 14 30.5	4.469	0.507	81.2	226 228	21 1455
2709	9.0	51 32.52	3.5712	0.0045	20 56 58.8	4.472	0.506	81.6	187 373	20 1656
2710	8.8	51 33.06	3.6798	0.0055	24 59 40.3	4.473	0.521	80.7	18 21 376	25 1523
2711	9.0	6 51 51.47	+3.6109	−0.0049	+22 27 45.2	−4.499	−0.511	80.2	52 54	22 1537
2712	8.7	51 52.79	3.6322	0.0051	23 15 31.1	4.501	0.514	81.1	48 359	23 1562
2713	9.3	51 56.04	3.5800	0.0046	21 17 43.0	4.506	0.507	82.1	354 357	21 1456
2714	8.3	51 58.20	3.5622	0.0045	20 36 45.8	4.509	0.504	81.6	187 201 410	20 1661
2715	8.9	51 58.26	3.6205	0.0050	22 49 22.3	4.509	0.513	81.1	213 223 224	22 1538
2716	8.4	6 52 0.86	+3.6096	−0.0049	+22 24 53.7	−4.512	−0.511	82.1	361 373	22 1539
2717	8.7	52 7.04	3.5776	0.0046	21 12 16.3	4.521	0.506	81.7	226 228 419	21 1459
2718	9.0	52 40.80	3.5792	0.0047	21 16 33.6	4.569	0.506	81.0	44 46 421	21 1461
2719	9.1	52 42.59	3.6166	0.0051	22 41 35.8	4.572	0.512	80.2	52 54	22 1545
2720	7.5	53 5.85	3.6411	0.0054	23 36 42.3	4.605	0.515	81.6	48 359 422	23 1566
2721	8.1	6 53 14.80	+3.6693	−0.0057	+24 39 9.1	−4.617	−0.519	80.7	18 21 377	24 1491
2722	8.7	53 15.91	3.6453	0.0054	23 46 18.1	4.619	0.515	81.1	213 223 224	23 1569
2723	8.2	53 23.78	3.6028	0.0050	22 11 14.4	4.630	0.509	81.7	226 228 423	22 1549
2724	9.0	53 41.50	3.6111	0.0051	22 30 28.9	4.655	0.510	81.0	52 54 421	22 1550
2725	8.7	53 52.39	3.6626	0.0057	24 25 15.0	4.671	0.517	81.1	18 359	24 1495
2726	8.6	6 53 57.69	+3.5524	−0.0046	+20 16 15.9	−4.678	−0.502	80.1	25 29	20 1668
2727	8.7	54 21.32	3.6651	0.0058	24 31 17.4	4.712	0.518	80.2	50 57	24 1498
2728	8.0	54 22.68	3.5511	0.0047	20 13 45.0	4.714	0.501	80.1	25 29	20 1671
2729	7.8	54 24.42	3.6029	0.0052	22 12 51.5	4.716	0.509	80.7	52 54 354	22 1553
2730	9.0	54 31.37	3.6467	0.0056	23 51 5.8	4.726	0.515	81.6	48 359 421	23 1574
2731	8.4	6 54 36.54	+3.5964	−0.0051	+21 58 24.4	−4.733	−0.508	80.2	44 46	21 1471
2732	7.7	54 46.65	3.6043	0.0052	22 16 21.9	4.748	0.509	82.0	233 373 410	22 1558
2733	9.1	54 47.22	3.6012	0.0052	22 9 29.2	4.749	0.508	81.2	226 228	22 1556
2734	8.2	54 47.61	3.5710	0.0049	21 0 14.8	4.749	0.504	81.8	233 373 375	21 1472
2735	5.3	54 47.76	3.6612	0.0058	24 23 29.6	4.749	0.517	80.2	50 57	24 1502
2736	8.8	6 55 15.97	+3.5949	−0.0052	+21 55 42.0	−4.789	−0.507	82.1	354 357	21 1476
2737	9.0	55 19.73	3.6532	0.0058	24 6 33.3	4.795	0.515	81.1	213 223 224	24 1507
2738	8.9	55 19.86	3.6046	0.0053	22 17 50.0	4.795	0.508	80.2	52 54	22 1559
2739	9.0[2]	55 20.90	3.6676	0.0059	24 38 7.1	4.796	0.517	80.0	18 21	24 1508
2740	8.9	55 37.89	3.6694	0.0060	24 42 37.2	4.820	0.517	82.1	359 374	24 1510
2741	8.8	6 55 38.03	+3.5632	−0.0049	+20 43 25.0	−4.820	−0.502	81.6	187 201 419	20 1678
2742	8.0	55 43.70	3.5796	0.0051	21 21 12.0	4.828	0.505	82.2	373 376	21 1481
2743	9.1	55 46.96	3.5690	0.0050	20 56 59.4	4.833	0.503	81.4	187 201 375	20 1679
2744	8.8	55 49.75	3.6711	0.0060	24 46 35.6	4.837	0.518	82.2	374 377	24 1511
2745	9.2	55 50.24	3.6322	0.0056	23 20 44.0	4.838	0.512	81.1	48 361	23 1579
2746	8.8	6 55 55.70	+3.6719	−0.0060	+24 48 25.9	−4.845	−0.518	82.5	377 410	24 1512
2747	8.7	56 5.23	3.6650	0.0060	24 33 35.6	4.859	0.517	82.5	377 410	24 1513
2748	8.4	56 8.21	3.5865	0.0052	21 37 33.4	4.863	0.505	82.1	354 357	21 1484
2749	9.3	56 20.67	3.5873	0.0052	21 39 50.1	4.881	0.505	82.2	375 376	21 1486
2750	8.5	56 23.24	3.6608	0.0060	24 24 43.6	4.884	0.516	81.4	213 224 377	24 1515

[1] Seq. austr. maj. [2] Dupl. 2" med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2751	9.0	6h 56m 27s.17	+3s.5854	−0s.0052	+21° 35′ 27″.7	−4″.890	−0″.505	82.2	375 376	21° 1487
2752	8.2	56 40.66	3.5641	0.0051	20 46 38.6	4.909	0.502	82.0	187 423	20 1686
2753	**var.** [1]	**56 41.66**	**3.5634**	**0.0051**	**20 45 5.8**	**4.911**	**0.502**		**Fund. Cat.**	**20 1687**
2754	9.0	57 6.10	3.6659	0.0061	24 36 55.2 [2]	4.945	0.516	80.0	18 21a	24 1519
2755	9.2	57 8.54	3.5748	0.0052	21 11 58.4	4.948	0.503	82.5	373 376 428	21 1495
2756	8.7	6 57 36.40	+3.6458	−0.0060	+23 53 17.9	−4.988	−0.513	81.1	213 224	23 1587
2757	8.8	57 43.76	3.6313	0.0059	23 21 8.2	4.998	0.511	81.1	48 361	23 1589
2758	9.0	57 44.73	3.6309	0.0059	23 20 26.6	5.000	0.511	81.1	48 361	23 1590
2759	6.6	57 46.80	3.6171	0.0057	22 49 20.1	5.003	0.509	80.2	52 54	22 1566
2760	8.5	57 52.45	3.5437	0.0050	20 0 33.7	5.011	0.498	80.1	25 29	20 1695
2761	9.0	6 58 3.91	+3.6621	−0.0062	+24 30 1.3	−5.027	−0.515	80.7	18 21 377	24 1523
2762	8.5	58 12.59	3.6339	0.0059	23 27 42.8	5.039	0.511	81.1	213 224	23 1591
2763	8.4	58 15.00	3.5737	0.0053	21 10 55.6	5.042	0.502	82.5	373 376 421 422	21 1503
2764	9.1	58 16.36	3.5920	0.0055	21 52 59.6	5.044	0.505	82.2	375 377	21 1504
2765	6.4	58 32.52	3.6767	0.0065	25 2 51.1	5.067	0.517	80.0	18 21	25 1571
2766	8.4	6 58 45.97	+3.6178	−0.0058	+22 52 25.1	−5.086	−0.508	80.2	52 54	22 1569
2767	8.3	58 47.68	3.5500	0.0052	20 16 36.2	5.088	0.499	80.1	25 29	20 1705
2768	9.0	59 2.07	3.6042	0.0057	22 21 54.0	5.109	0.506	80.7	27 34 375	22 1570
2769	8.6	59 12.75	3.5630	0.0053	20 47 23.0	5.124	0.500	81.4	187 201 373	20 1706
2770	8.8	59 12.80	3.6322	0.0061	23 25 25.6	5.124	0.510	80.7	48 233	23 1597
2771	9.1	6 59 18.69	+3.5705	−0.0054	+21 4 54.1	−5.132	−0.501	80.2	44 46	21 1507
2772	8.7	59 20.14	3.5607	0.0053	20 42 9.5	5.134	0.500	81.6	187 201 421	20 1707
2773	9.0	59 38.93	3.6499	0.0063	24 5 29.3	5.161	0.512	80.1	31 36	24 1530
2774	7.5	59 40.35	3.6572	0.0064	24 21 35.1	5.163	0.513	80.1	31 36	24 1531
2775	8.4	59 46.98	3.6126	0.0059	22 41 58.6	5.172	0.507	80.2	52 54	22 1576
2776	8.9	6 59 47.98	+3.6370	−0.0062	+23 36 50.8	−5.173	−0.510	81.2	228 233	23 1603
2777	8.7	59 48.29	3.6090	0.0059	22 33 54.3	5.174	0.506	81.6	216 229 377	22 1575
2778	var. [3]	59 49.72	3.6177	0.0060	22 53 39.5	5.176	0.508	80.2	52 54	22 1577
2779	9.0	59 50.96	3.6706	0.0066	24 51 20.8	5.178	0.515	80.0	18 21	24 1532
2780	9.0	59 51.13	3.6681	0.0065	24 46 0.6	5.178	0.515	80.2	50 57	24 1533
2781	8.8	6 59 51.27	+3.6418	−0.0063	+23 47 41.4	−5.178	−0.511	81.1	213 224	23 1602
2782	9.0	59 51.57	3.6201	0.0060	22 59 10.9	5.179	0.508	81.7	226 228 423	23 1604
2783	9.2	59 55.99	3.6247	0.0061	23 9 36.6	5.185	0.508	81.5	213 224 375	23 1605
2784	9.1	7 0 0.88	3.5701	0.0055	21 5 4.1	5.192	0.501	80.2	44 46	21 1512
2785	8.5	0 1.56	3.5604	0.0054	20 42 28.3	5.193	0.499	81.6	187 201 423	20 1712
2786	9.1	7 0 2.52	+3.6017	−0.0058	+22 17 37.1	−5.194	−0.505	81.6	216 229 361	22 1578
2787	8.9	0 4.74	3.6308	0.0062	23 23 31.6	5.197	0.509	80.9	48 213 224	23 1607
2788	9.0	0 5.50	3.5517	0.0053	20 22 11.2	5.198	0.498	80.1	25 29	20 1713
2789	9.0	0 7.96	3.6036	0.0059	22 22 11.2	5.202	0.505	80.1	27 34	22 1580
2790	8.8	0 13.05	3.6640	0.0065	24 37 21.8	5.209	0.514	80.1	31 36	24 1534
2791	9.1	7 0 15.51	+3.6189	−0.0061	+22 56 55.6	−5.212	−0.507	81.2	216 226 228 229	22 1581
2792	10	0 18.09	3.6138	0.0060	22 45 36.6	5.216	0.507	82.7	375 421 422	— —
2793	8.6	0 32.16	3.6427	0.0064	23 50 49.5	5.236	0.511	82.6	361 419 423	23 1608
2794	8.3	0 39.21	3.5964	0.0059	22 6 21.9	5.246	0.504	80.1	39 42	22 1585
2795	8.6	0 44.82	3.5965	0.0059	22 6 49.8	5.254	0.504	80.1	39 42	22 1587
2796	9.0	7 0 49.72	+3.6037	−0.0060	+22 23 12.9	−5.260	−0.505	80.1	27 34	22 1588
2797	8.2	0 54.00	3.5690	0.0056	21 3 36.1	5.266	0.500	81.4	187 201 373	21 1516
2798	8.6	1 0.17	3.5471	0.0054	20 12 44.4	5.275	0.497	80.1	25 29	20 1715
2799	9.0	1 1.83	3.5981	0.0059	22 10 48.5	5.277	0.504	80.2	52 54	22 1589
2800	8.0	1 7.27	3.5970	0.0059	22 8 22.9	5.285	0.504	80.1	39 42	22 1590

[1] 3.7…4.5 [2] Z. 21 37′ 9s.5 ausgeschlossen [3] R Geminorum, 8.3 8.3

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2801	9.1	7h 1m 15s.60	+3s.5672	−0s.0056	+21° 0′ 0″.5	−5″.297	−0″.500	80.2	44 46	21° 1518
2802	9.0	1 17.40	3.6320	0.0063	23 27 59.8	5.299	0.509	80.1	23 48	23 1612
2803	9.0	1 33.94	3.6385	0.0064	23 42 53.6	5.323	0.509	81.7	213 224 419	23 1614
2804	8.6	1 36.80	3.5478	0.0055	20 15 7.4	5.327	0.497	80.9	25 29 422	20 1716
2805	8.3	1 40.70	3.5928	0.0060	21 59 35.7	5.332	0.503	80.7	27 34 376	22 1593
2806	8.7	7 1 42.83	+3.6416	−0.0064	+23 50 11.3	−5.335	−0.510	81.7	226 228 423	23 1617
2807	8.5	1 57.13	3.5873	0.0059	21 47 22.0	5.355	0.502	81.6	216 229 361	21 1524
2808	8.7	2 0.38	3.5953	0.0060	22 5 52.1	5.360	0.503	81.2	52 54 373 376	22 1594
2809	9.2	2 10.14	3.5953	0.0060	22 5 56.5[1]	5.374	0.503	80.7 81.1	27 34a 377	22 1595
2810	7.8	2 13.94	3.6074	0.0062	22 33 45.4	5.379	0.505	80.1	39 42	22 1596
2811	9.0	7 2 25.89	+3.5586	−0.0057	+20 41 28.1	−5.396	−0.498	81.6	187 201 423	20 1718
2812	8.5	2 39.26	3.5835	0.0060	21 39 36.8	5.414	0.501	81.2	216 226 228 229	21 1527
2813	7.1	2 41.43	3.5783	0.0059	21 27 41.9	5.417	0.500	81.0	44 46 419	21 1528
2814	8.4	2 54.25	3.6536	0.0068	24 18 43.0	5.435	0.511	80.1	31 36 50 57	24 1546
2815	8.5	2 56.73	3.5457	0.0056	20 11 58.0	5.439	0.495	80.7	25 29 376	20 1723
2816	8.0	7 3 11.93	+3.5406	−0.0056	+20 0 13.3	−5.460	−0.494	81.1	25 29 361 375	20 1725
2817	9.2	3 28.42	3.6257	0.0065	23 17 13.3	5.483	0.506	80.7	23 48 226 228	23 1633
2818	8.1	3 37.52	3.6681	0.0071	24 51 57.1	5.496	0.512	80.7	18 21 376	24 1549
2819	9.1	3 38.31	3.5848	0.0061	21 44 10.1	5.497	0.500	81.0	44 46 419	21 1535
2820	7.8	3 59.92	3.5518	0.0058	20 27 45.0	5.528	0.496	81.1	187 201 216 229	20 1727
2821	8.9	7 4 5.17	+3.6290	−0.0067	+23 25 36.6	−5.535	−0.506	80.7	23 48 226 228	23 1634
2822	8.6	4 19.08	3.5629	0.0059	20 54 16.1	5.554	0.497	81.4	187 201 376	20 1728
2823	8.9	4 21.71	3.6340	0.0067	23 37 12.0	5.558	0.507	80.9	48 213 224	23 1636
2824	8.1	4 26.81	3.5420	0.0057	20 5 24.0	5.565	0.494	80.9	25 29 233 375	20 1729
2825	8.3	4 30.87	3.6038	0.0064	22 29 4.6	5.571	0.502	80.1	39 42	22 1609
2826	8.3	7 4 31.25	+3.6039	−0.0064	+22 29 10.7	−5.571	−0.502	80.2	52 54	
2827	9.0	4 38.71	3.6672	0.0072	24 51 31.5	5.582	0.511	80.9	18 21 419	24 1554
2828	9.0	4 41.74	3.5968	0.0064	22 13 10.8	5.586	0.501	80.1	27 34 52 54	22 1610
2829	8.7	4 50.46	3.6543	0.0070	24 23 19.9	5.598	0.509	80.7	31 36 377	24 1556
2830	5.9	4 50.57	3.6529	0.0070	24 20 8.5	5.599	0.509	80.4	31 36 213	24 1558
2831	8.5	7 5 12.95	+3.5693	−0.0061	+21 10 27.3	−5.630	−0.497	81.2	6 Beob.[2]	21 1540
2832	9.0	5 15.32	3.5933	0.0064	22 6 3.4	5.633	0.500	80.9	27 34 421	22 1612
2833	8.9	5 16.78	3.6517	0.0071	24 18 19.5	5.635	0.509	81.4	213 224 377	24 1564
2834	9.1	5 17.72	3.6681	0.0073	24 54 35.1	5.637	0.511	80.5	50 57 233	24 1562
2835	7.8	5 19.81	3.5792	0.0062	21 33 36.5	5.639	0.498	80.8	44 46 375	21 1542
2836	9.2	7 5 19.87	+3.6538	−0.0071	+24 22 59.1	−5.640	−0.509	80.8	50 57 376	24 1566
2837	8.9	5 27.91	3.6071	0.0066	22 38 2.4	5.651	0.502	80.9	27 34 421	22 1613
2838	8.4	5 33.88	3.6667	0.0073	24 51 52.5	5.659	0.511	80.4	18 21 229	24 1567
2839	8.5	5 44.21	3.5586	0.0061	20 46 20.5	5.674	0.495	81.1	187 201 216	20 1736
2840	8.9	6 25.35	3.5497	0.0060	20 26 20.6	5.731	0.494	81.1	25 29 361 373	20 1740
2841	8.6	7 6 37.44	+3.6487	−0.0072	+24 13 48.1	−5.748	−0.507	80.7	31 36 376	24 1575
2842	6.8	6 48.79	3.6673	0.0075	24 55 21.6	5.764	0.510	80.4	18 21 233	24 1576
2843	8.6	6 58.11	3.6482	0.0073	24 13 14.3	5.777	0.507	80.7	31 36 375	24 1578
2844	8.9	7 2.99	3.6427	0.0072	24 1 5.1	5.784	0.506	80.8	50 57 377	24 1579
2845	5.8	7 3.22	3.6719	0.0076	25 5 59.3	5.784	0.510	80.8	18 21 229 361	25 1618
2846	9.0	7 7 6.29	+3.6144	−0.0069	+22 57 21.4	−5.788	−0.502	81.0	39 42 419	22 1618
2847	7.5	7 10.17	3.5566	0.0062	20 43 44.9	5.794	0.494	81.6	187 201 216 421	20 1743
2848	8.7	7 17.17	3.5399	0.0060	20 4 23.0	5.804	0.492	80.7	25 29 373	20 1745
2849	8.4	7 20.18	3.6240	0.0070	23 19 26.0	5.808	0.503	80.5	23 48 233	23 1647
2850	9.1	7 31.49	3.6549	0.0074	24 29 13.5	5.824	0.508	80.8	50 57 377	24 1581

[1] Z. 34 6′ 1″.6 ausgeschlossen [2] Z. 44 46 226 228 361 373

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2851	8.5	7h 7m 38s.54	+3s.6271	−0s.0071	+23° 27' 5".3	−5".833	−0".504	81.0	52 54 422	23° 1648
2852	8.9	7 53.53	3.6341	0.0072	23 43 17.2	5.854	0.504	80.7	23 48 226 228	23 1650
2853	8.2	7 54.93	3.6434	0.0073	24 4 16.4	5.856	0.506	81.0	31 36 422	24 1583
2854	7.8	8 5.16	3.5935	0.0067	22 10 53.8	5.870	0.499	80.9	27 34 422	22 1620
2855	8.7	8 8.33	3.5984	0.0068	22 22 24.8	5.875	0.499	81.0	39 42 421	22 1621
2856	9.0	7 8 9.33	+3.6084	−0.0069	+22 45 14.7	−5.876	−0.501	81.0	39 42 419	22 1622
2857	7.2	8 21.02	3.5390	0.0061	20 3 45.3	5.893	0.491	80.7	25 29 373	20 1751
2858	8.7	8 23.17	3.6574	0.0076	24 36 17.1	5.896	0.507	81.5	224 229 377	24 1585
2859	8.9	8 28.54	3.6649	0.0077	24 53 6.2	5.903	0.508	80.7	18 21 375	24 1586
2860	9.0	8 28.77	3.5949	0.0068	22 14 54.6	5.903	0.498	80.9	27 34 423	22 1624
2861	9.1	7 8 33.10	+3.6597	−0.0076	+24 41 42.6	−5.909	−0.507	81.0	50 57 423	24 1588
2862	8.4	8 34.34	3.5532	0.0063	20 37 50.8	5.911	0.493	81.0	187 201	20 1753
2863	9.2	8 43.01	3.6113	0.0070	22 52 46.7	5.923	0.501	80.1	39 42	22 1626
2864	9.0	8 49.03	3.5704	0.0066	21 18 39.3	5.932	0.495	80.2	44 46	21 1555
2865	8.8	8 52.53	3.6707	0.0078	25 6 31.7	5.937	0.509	80.8	50 57 216 375	25 1625
2866	9.1	7 9 0.70	+3.6324	−0.0073	+23 41 18.9	−3.948	−0.503	80.6	23 48 213 224	23 1653
2867	8.4	9 1.81	3.6434	0.0075	24 6 10.6	5.949	0.505	80.9	31 36 421	24 1590
2868	9.1	9 9.18	3.6596	0.0077	24 42 26.4	5.960	0.507	81.2	216 226 228 229	24 1591
2869	7.4	9 11.72	3.6608	0.0077	24 45 17.3	5.963	0.507	81.0	50 57 419	24 1592
2870	8.3	9 29.23	3.5871	0.0068	21 58 25.0	5.988	0.497	80.2	52 54	21 1560
2871	9.2	7 9 42.22	+3.6512	−0.0077	+24 24 39.7	−6.006	−0.505	81.6	213 224 361 375	24 1595
2872	8.1	9 54.40	3.5609	0.0066	20 57 54.2	6.023	0.493	81.0	187 201	21 1564
2873	9.2	9 57.90	3.5676	0.0067	21 13 41.6	6.028	0.494	80.2	44 46	21 1565
2874	9.2	10 0.12	3.5987	0.0070	22 26 6.3	6.031	0.498	80.9	27 34 421	22 1633
2875	8.8	10 8.11	3.6456	0.0076	24 13 3.6	6.042	0.504	80.9	31 226 228	24 1598
2876	9.0	7 10 10.13	+3.6599	−0.0078	+24 44 55.8	−6.045	−0.506	81.3	18 21 361 419	24 1599
2877	9.0	10 10.99	3.5436	0.0064	20 17 31.4	6.046	0.490	80.7	25 29 361	20 1759
2878	8.0	10 12.56	3.5746	0.0068	21 30 36.1	6.048	0.494	80.2	52 54	21 1566
2879	8.3	10 28.77	3.6476	0.0077	24 17 58.3	6.070	0.504	81.7	213 224 421	24 1600
2880	9.1	10 32.75	3.6515	0.0078	24 26 47.3	6.076	0.505	80.2	50 57	24 1601
2881	8.8	7 10 42.12	+3.5552	−0.0066	+20 45 55.2	−6.089	−0.491	81.2	216 226 228 229	20 1762
2882	9.2	10 58.68	3.5716	0.0068	21 24 42.1	6.112	0.493	80.2	52 54	21 1567
2883	9.1	11 1.10	3.6562	0.0079	24 38 16.5	6.115	0.505	80.9	18 21 423	24 1606
2884	9.1	11 6.35	3.6391	0.0077	24 0 8.5	6.123	0.503	81.1	213 224	24 1608
2885	9.1	11 6.64	3.5438	0.0065	20 19 23.1	6.123	0.490	81.3	29 216 229 361	20 1763
2886	8.8	7 11 16.26	+3.6481	−0.0078	+24 20 34.3	−6.136	−0.504	80.2	50 57	24 1611
2887	9.4	11 33.46	3.6103	0.0074	22 55 30.0	6.160	0.498	80.2	52 54	22 1639
2888	8.7	11 47.70	3.5653	0.0068	21 11 19.9	6.180	0.492	81.2	226 228	21 1572
2889	9.1	11 49.72	3.6370	0.0078	23 56 36.4	6.183	0.502	81.1	213 224	23 1670
2890	8.1	11 55.55	3.5925	0.0072	22 15 1.1	6.191	0.496	80.1	27 34	22 1642
2891	8.2	7 12 24.96	+3.5522	−0.0067	+20 41 34.1	−6.232	−0.490	82.6	375 421	20 1768
2892	8.7	12 29.58	3.5691	0.0070	21 21 20.7	6.238	0.492	81.2	226 228	21 1574
2893	9.1	12 32.66	3.5956	0.0073	22 23 14.5	6.242	0.496	81.0	52 54 428	22 1643
2894	8.7	12 34.48	3.5617	0.0069	21 4 6.4	6.245	0.491	83.1	419 421 430	21 1575
2895	9.0	12 34.53	3.5458	0.0067	20 26 39.3	6.245	0.489	82.7	375 422 430	20 1769
2896	8.8	7 12 36.63	+3.6021	−0.0074	+22 38 19.0	−6.248	−0.496	80.1	39 42	22 1644
2897	**3.3**	**12 39.38**	**3.5909**	**0.0073**	**22 12 37.7**	**6.252**	**0.495**		**Fund. Cat.**	**22 1645**
2898	8.7	12 59.40	3.6030	0.0075	22 41 8.2	6.279	0.496	81.7	52 428	22 1647
2899	9.3	13 3.58	3.5401	0.0067	20 13 50.3	6.285	0.488	81.7	226 228 423	20 1771
2900	8.4	13 8.15	3.5429	0.0067	20 20 40.5	6.292	0.488	82.6	375 421	20 1770

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2901	9.5	7h 13m 10s.70	+3s.6372	−0s.0079	+23° 59′ 34″.8	−6″.295	−0″.501	82.3	224 419 426,2	24° 1625
2902	8.7	13 12.78	3.6337	0.0079	23 51 37.3	6.298	0.501	81.7	48 428	23 1681
2903	9.3	13 14.21	3.6447	0.0080	24 16 32.2	6.300	0.502	81.8	18 422 430	24 1624
2904	8.8	13 28.19	3.6060	0.0075	22 48 54.8	6.319	0.496	80.1	39 42	22 1650
2905	8.8	13 29.85	3.6601	0.0083	24 51 40.3	6.322	0.504	80.0	18 21	24 1627
2906	9.0	7 13 57.21	+3.5390	−0.0068	+20 12 33.1	−6.359	−0.487	81.2	216 226 228 229	20 1773
2907	9.2	14 11.96	3.6231	0.0079	23 29 30.8	6.380	0.498	81.0	23 48 422	23 1685
2908	9.0	14 13.13	3.5725	0.0072	21 32 24.4	6.381	0.491	80.2	46	[21 1580]
2909	9.1	14 13.75	3.6388	0.0081	24 5 5.5	6.382	0.500	81.7	213 224 419	24 1632
2910	6.1	14 34.23	3.5504	0.0070	20 40 39.1	6.411	0.488	81.6	187 201 375 376	20 1775
2911	8.2[1]	7 14 42.16	+3.6067	−0.0077	+22 52 47.7	−6.422	−0.496	81.0	39 42 423	22 1655
2912	8.6	14 56.79	3.6151	0.0079	23 12 22.1	6.442	0.497	80.2	52 54	23 1690
2913	9.0	14 57.39	3.6161	0.0079	23 14 41.4	6.443	0.497	80.1	23 48	23 1691
2914	8.6	14 59.41	3.6190	0.0079	23 21 25.7	6.445	0.497	81.7	213 224 419	23 1692
2915	9.0	15 15.04	3.5915	0.0076	22 18 38.1	6.467	0.493	81.0 80.1	39 42 422a	22 1658
2916	9.2	7 15 23.83	+3.6184	−0.0080	+23 20 52.4	−6.479	−0.497	81.4	6 Beob.[2]	23 1694
2917	8.7	15 38.21	3.6106	0.0079	23 3 28.4	6.499	0.495	80.2	52 54	23 1695
2918	8.7	15 38.36	3.5886	0.0076	22 12 24.6	6.499	0.492	80.1	27 34	22 1661
2919	9.1	15 39.16	3.6513	0.0084	24 35 55.1	6.500	0.501	80.9	18 21 419	24 1638
2920	8.3	15 40.63	3.5525	0.0071	20 47 30.3	6.502	0.487	81.6	187 201 423	20 1781
2921	9.0	7 15 40.77	+3.5975	−0.0077	+22 33 19.0	−6.502	−0.494	80.7	27 34 377	22 1662
2922	9.5	15 45.95	3.6378	0.0083	24 5 47.1	6.510	0.499	80.1	31	— —
2923	7.2	15 57.35	3.6137	0.0080	23 11 2.5	6.525	0.496	80.1	23 48	23 1698
2924	8.7	15 59.47	3.5561	0.0072	20 56 48.1	6.528	0.488	81.1	187 201 216 229	20 1784
2925	9.0	16 0.11	3.5350	0.0069	20 6 26.5	6.529	0.485	80.1	25 29	20 1783
2926	9.3	7 16 9.68	+3.5348	−0.0069	+20 6 8.2	−6.542	−0.485	80.9	25 29 421	20 1787
2927	8.6	16 12.03	3.5780	0.0075	21 48 48.1	6.546	0.490	80.2	52 54	21 1586
2928	8.7	16 28.82	3.5812	0.0076	21 56 38.2	6.569	0.491	80.1	39 42	21 1588
2929	7.7[3]	16 42.77	3.5747	0.0075	21 41 50.8	6.588	0.490	81.4	195 232 233 375	21 1589
2930	9.1	16 50.42	3.5580	0.0073	21 2 37.3	6.599	0.487	81.1	195 232 233	21 1590
2931	9.0	7 16 53.19	+3.6253	−0.0082	+23 39 24.3	−6.602	−0.496	81.2	199 226 228	23 1703
2932	8.0	16 54.20	3.6125	0.0081	23 10 10.8	6.604	0.495	81.1	213 224	23 1704
2933	8.1	17 28.22	3.5374	0.0071	20 14 32.7	6.651	0.484	81.4	187 201 376	20 1795
2934	8.5	17 45.76	3.5354	0.0071	20 10 23.7	6.675	0.483	80.9	25 29 423	20 1797
2935	9.3	17 47.07	3.6020	0.0080	22 47 35.3	6.676	0.493	80.7	39 42 377	22 1673
2936	9.2	7 17 56.40	+3.6583	−0.0088	+24 56 13.1	−6.689	−0.500	80.2	50 57	24 1648
2937	7.5	18 12.33	3.5493	0.0074	20 44 21.4	6.711	0.485	81.1	187 195 201 232	} 20 1798
2938	8.4	18 12.65	3.5493	0.0074	20 44 26.3	6.712	0.485	82.0	233 234 423	
2939	9.0	18 14.98	3.5380	0.0072	20 17 31.9	6.715	0.483	80.1	25 29	20 1799
2940	9.1	18 25.83	3.5908	0.0080	22 22 45.7	6.730	0.490	80.2	39 52 54	22 1676
2941	8.9[4]	7 18 31.24	+3.5895	−0.0080	+22 19 58.1	−6.737	−0.490	81.9	42 234 376 426,2	22 1678
2942	9.0	18 39.22	3.5844	0.0079	22 8 10.6	6.748	0.489	80.7	39 233	22 1680
2943	9.0	19 12.45	3.6485	0.0089	24 36 52.1	6.794	0.498	80.2	50 57	24 1658
2944	8.9	19 24.65	3.6367	0.0087	24 10 30.1	6.810	0.496	80.2	50 57	24 1659
2945	6.4	19 26.78	3.5747	0.0079	21 47 0.5	6.813	0.487	81.1	195 232	21 1596
2946	8.1	7 19 33.34	+3.5619	−0.0077	+21 16 44.7	−6.822	−0.486	81.2	216 229 233 234	21 1597
2947	6.4	19 34.19	3.5424	0.0074	20 30 18.8	6.824	0.483	81.4	187 201 377	20 1805
2948	9.1	19 49.82	3.5717	0.0079	21 40 31.0	6.845	0.487	81.1	195 232	21 1599
2949	8.6	20 3.35	3.5463	0.0075	20 40 33.2	6.864	0.483	81.4	187 201 376	20 1806
2950	8.8[5]	20 10.11	3.5897	0.0082	22 23 31.6	6.873	0.489	82.7	376 423 426,2	22 1687pr.

[1] Z. 423 Dupl.? [2] Z. 199 216 226 228 229 376 [3] Dupl. 2″ maj., com. 9m [4] Dupl. 2″-3″ maj. [5] Blau

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
2951	8.5	$7^h\ 20^m\ 10^s.15$	$+3^s.5314$	$-0^s.0073$	+20° 4' 56".9	−6".873	−0".481	80.1	25 29	20° 1807
2952	6.7 [1]	20 12.68	3.5896	0.0082	22 23 27.3	6.876	0.489	80.2	52 54	22 1687s.
2953	5.5	20 19.07	3.5719	0.0079	21 41 55.3	6.885	0.486	81.4	195 232 377	21 1602
2954	8.7	20 26.23	3.6374	0.0089	24 14 8.3	6.895	0.495	80.2	50 57	24 1663
2955	8.0	20 38.77	3.6025	0.0084	22 54 15.2	6.912	0.490	80.2	52 54	22 1689
2956	9.1	7 20 39.28	+3.5542	−0.0077	+21 0 36.9	−6.913	−0.484	81.2	199 216 229 233	21 1604
2957	9.2	20 55.18	3.6340	0.0089	24 7 25.9	6.935	0.494	80.1	31 36	24 1664
2958	9.2	20 58.42	3.6079	0.0085	23 7 27.8	6.939	0.491	80.7	23 48 376	23 1723
2959	7.4	20 59.79	3.5740	0.0080	21 48 5.9	6.941	0.486	81.1	195 232	21 1606
2960	7.9	21 4.58	3.6545	0.0092	24 54 10.4	6.947	0.497	80.2	50 57	24 1665
2961	9.0	7 21 7.56	+3.5917	−0.0083	+22 29 57.4	−6.951	−0.488	80.1	27 34	22 1690
2962	8.7	21 8.60	3.6446	0.0091	24 31 57.3	6.953	0.496	81.2	226 228	24 1667
2963	9.2	21 12.71	3.5986	0.0084	22 46 18.5	6.958	0.489	81.0	52 54 430	22 1692
2964	8.8	21 12.92	3.5815	0.0082	22 6 14.6	6.959	0.487	81.7	199 233 426,2	22 1693
2965	8.2	21 18.39	3.5770	0.0081	21 55 52.4	6.966	0.486	81.7	199 234 426,2	21 1607
2966	8.9	7 21 22.06	+3.6061	−0.0085	+23 4 5.9	−6.971	−0.490	81.2	226 228	23 1727
2967	8.1	21 25.55	3.5806	0.0082	22 4 28.1	6.976	0.487	80.7	27 34 377	22 1694
2968	8.4	21 32.33	3.6316	0.0089	24 3 17.7	6.985	0.494	80.1	31 36	24 1670
2969	8.3	21 47.19	3.5580	0.0079	21 11 35.6	7.006	0.483	81.2	216 229 234	21 1610
2970	8.9	21 47.93	3.6479	0.0092	24 40 45.1	7.007	0.496	80.8	50 57 376	24 1673
2971	8.5	7 21 48.27	+3.6051	−0.0086	+23 2 35.7	−7.007	−0.490	81.0	23 48 430	23 1728
2972	9.0	22 3.21	3.5754	0.0082	21 53 34.8	7.028	0.485	81.1	195 232	21 1611
2973	8.9	22 6.47	3.6118	0.0087	23 18 47.6	7.032	0.490	81.1	213 224	23 1729
2974	8.9	22 14.99	3.5793	0.0082	22 3 2.5	7.044	0.486	80.4	27 34 233	22 1697
2975	8.6	22 33.13	3.6055	0.0087	23 5 4.2	7.068	0.489	80.8	23 213 224	23 1730
2976	9.1	7 22 45.88	+3.6048	−0.0087	+23 3 53.2	−7.086	−0.489	80.9	48 226 228	23 1732
2977	7.7	22 51.39	3.5530	0.0079	21 2 27.9	7.093	0.482	81.2	199 216 229 234	21 1614
2978	7.4	23 2.46	3.5291	0.0076	20 4 31.0	7.108	0.478	80.7	25 29 377	20 1822
2979	8.6	23 6.22	3.6083	0.0088	23 12 45.7	7.114	0.489	81.0	52 54 430	23 1734
2980	8.9	23 6.72	3.5551	0.0080	21 7 19.7	7.114	0.482	81.1	195 232	21 1616
2981	9.0	7 23 8.57	+3.5852	−0.0084	+22 18 48.0	−7.117	−0.486	80.6	27 34 226 228	22 1703
2982	8.0	23 16.51	3.5457	0.0079	20 44 57.3	7.128	0.480	81.4	187 201 375	20 1823
2983	8.6	23 21.16	3.5313	0.0077	20 10 24.7	7.134	0.478	80.1	25 29	20 1824
2984	9.3	23 33.64	3.6384	0.0093	24 22 52.1	7.151	0.493	80.2	50	[24 1680]
2985	8.1	23 39.02	3.5442	0.0079	20 42 1.5	7.158	0.480	81.4	187 201 375	20 1825
2986	9.2	7 23 40.59	+3.5568	−0.0081	+21 12 31.9	−7.160	−0.481	81.2	199 226 229	21 1618
2987	8.6	23 47.00	3.6317	0.0092	24 8 8.4	7.169	0.492	81.0	31 36 430	24 1681
2988	8.4	23 53.28	3.5906	0.0086	22 32 53.1	7.178	0.486	80.1	27 39 42	22 1706
2989	8.0	24 5.74	3.6347	0.0093	24 15 38.0	7.195	0.492	80.1	31 36	24 1683
2990	8.6	24 13.24	3.6486	0.0095	24 47 45.8	7.205	0.493	80.0	18 21	24 1685
2991	8.7	7 24 14.17	+3.6254	−0.0092	+23 54 33.9	−7.206	−0.490	80.1	23 48	23 1737
2992	8.0	24 19.48	3.6477	0.0095	24 45 52.6	7.213	0.493	80.0	18 21	24 1686
2993	9.0	24 20.94	3.5320	0.0078	20 13 53.7	7.215	0.478	80.1	25 29	20 1828
2994	8.7	24 28.08	3.5477	0.0080	20 52 6.3	7.225	0.480	81.1	187 201 216 229	20 1830
2995	9.0	24 28.74	3.5906	0.0087	22 34 17.7	7.226	0.485	80.2	34 52 54	22 1708
2996	7.9	7 24 28.75	+3.6333	−0.0093	+24 13 22.6	−7.226	−0.491	80.1	31 36	24 1687
2997	8.2	24 58.65	3.5598	0.0083	21 22 3.5	7.267	0.481	81.7	195 232 430	21 1629
2998	9.4	25 1.31	3.6362	0.0094	24 21 3.1	7.270	0.491	80.2	57	[24 1689]
2999	7.2	25 9.45	3.5673	0.0084	21 40 19.7	7.281	0.482	81.2	195 226 228 232	21 1630
3000	6.6 [2]	25 21.02	3.6047	0.0090	23 9 7.4	7.297	0.487	80.7	52 54 213 224	23 1744

[1] Gelbroth [2] Dupl., Com. Nr. 3001

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3001	9.0[1]	7ʰ 25ᵐ 21ˢ.05	+3ˢ.6047	−0ˢ.0090	+23° 8′ 55″.7	−7″.297	−0″.487	80.7	52 54 213 224	23° 1744C.
3002	9.1	25 23.11	3.6198	0.0092	23 44 8.4	7.300	0.489	80.7	23 48 375	23 1743
3003	9.2	25 30.43	3.5676	0.0085	21 41 45.3	7.310	0.481	81.2	5 Beob.[2]	21 1634
3004	8.5	25 33.85	3.5961	0.0089	22 49 14.3	7.314	0.485	80.1	27 34	22 1717
3005	9.2	25 40.68	3.6035	0.0090	23 6 54.4	7.324	0.486	80.9	39 226 228	23 1747
3006	9.2	7 26 1.01	+3.6028	−0.0090	+23 5 54.7	−7.351	−0.486	80.1	42	[23 1749]
3007	8.6	26 27.79	3.6557	0.0099	25 8 49.3	7.388	0.492	80.7	18 21 377	25 1706
3008	9.1	26 29.91	3.6129	0.0093	23 30 38.9	7.390	0.487	82.7	376 426,2	[23 1751]
3009	9.1	26 31.31	3.6124	0.0093	23 29 21.4	7.392	0.486	81.5	5 Beob.[3]	23 1752
3010	9.0	26 31.48	3.6349	0.0096	24 21 34.4	7.393	0.490	80.2	50 57	24 1698
3011	8.4	7 26 36.28	+3.5590	−0.0085	+21 23 28.7	−7.399	−0.479	81.0	52 54 430	21 1636
3012	8.8	26 40.92	3.5553	0.0084	21 14 41.2	7.405	0.479	81.1	195 232	21 1637
3013	8.8	26 47.21	3.6150	0.0093	23 35 59.1	7.414	0.487	81.2	5 Beob.[4]	23 1753
3014	9.0	26 51.65	3.5820	0.0088	22 18 42.6	7.420	0.482	80.1	27 34	22 1721
3015	8.9	26 59.47	3.5714	0.0087	21 53 49.6	7.431	0.481	80.1	39 42	21 1638
3016	8.7	7 26 59.55	+3.6285	−0.0096	+24 7 44.9	−7.431	−0.488	80.7	31 36 377	24 1703
3017	9.1	27 3.64	3.6538	0.0100	25 5 45.9	7.436	0.492	80.2	21 50 57	25 1708
3018	8.5	27 14.47	3.6048	0.0092	23 13 22.0	7.451	0.485	80.7	5 Beob.[5]	23 1756
3019	7.9	27 25.39	3.6387	0.0098	24 32 8.4	7.466	0.489	80.7	50 57 213 224	24 1705
3020	8.1	27 28.65	3.6299	0.0097	24 12 2.1	7.470	0.488	80.1	31 36	24 1706
3021	8.7	7 27 34.81	+3.5630	−0.0086	+21 35 7.4	−7.478	−0.479	81.0	52 54 430	21 1640
3022	7.6	27 40.92	3.6068	0.0093	23 18 59.3	7.487	0.485	81.2	23 48 375 377	23 1760
3023	8.5	27 46.23	3.5381	0.0083	20 35 20.5	7.494	0.475	81.1	187 201 216 229	20 1844
3024	9.2	27 46.73	3.5615	0.0086	21 31 56.9	7.495	0.479	81.1	195 232	21 1641
3025	8.9	28 6.63	3.5260	0.0081	20 6 34.9	7.521	0.473	80.7	25 29 376	20 1846
3026	8.7	7 28 20.29	+3.6311	−0.0098	+24 16 50.6	−7.540	−0.487	80.5	18 21 233 234	24 1712
3027	8.7	28 41.84	3.5454	0.0085	20 54 56.4	7.569	0.476	81.1	187 201 233 234	20 1848
3028	8.7	28 46.22	3.5418	0.0084	20 46 19.4	7.575	0.475	81.1	187 216 229	20 1850
3029	9.2	29 9.95	3.6197	0.0097	23 52 14.3	7.607	0.485	80.2	23 50 57	23 1766
3030	8.5	29 29.76	3.6269	0.0099	24 9 53.5	7.634	0.486	80.7	31 36 377	24 1718
3031	8.3	7 29 32.42	+3.5409	−0.0085	+20 45 43.6	−7.637	−0.474	81.1	187 201 233 234	20 1852
3032	9.1	29 34.29	3.5934	0.0093	22 51 33.6	7.640	0.481	80.2	34 52 54	22 1734
3033	8.6	29 35.46	3.5302	0.0084	20 19 38.7	7.641	0.473	80.7	25 29 375	20 1854
3034	8.6	29 38.90	3.5576	0.0088	21 26 23.3	7.646	0.476	81.7	195 232 430	21 1646
3035	9.2	29 39.73	3.5389	0.0085	20 41 8.4	7.647	0.474	81.1	5 Beob.[6]	20 1855
3036	6.8	7 29 44.46	+3.5327	−0.0084	+20 26 11.5	−7.653	−0.473	80.7	25 29 376	20 1856
3037	8.4	29 48.96	3.5627	0.0089	21 38 59.5	7.660	0.477	80.2	52 54	21 1647
3038	7.1	30 12.68	3.5867	0.0093	22 37 7.7	7.692	0.480	80.1	27 34	22 1735
3039	8.7	30 19.47	3.5360	0.0085	20 35 30.8	7.701	0.473	81.1	6 Beob.[7]	20 1858
3040	8.4	30 24.79	3.6247	0.0099	24 6 53.2	7.708	0.485	80.4	31 36 224	24 1725
3041	5.9	7 30 40.37	+3.6381	−0.0102	+24 38 18.4	−7.729	−0.486	80.1	18 21 50 57	24 1727
3042	8.8	30 46.73	3.6465	0.0103	24 58 1.9	7.737	0.487	80.9	18 21 430	25 1725
3043	8.9	30 52.50	3.5641	0.0090	21 44 35.3	7.745	0.476	81.4	195 232 376	21 1651
3044	8.9	30 55.65	3.5338	0.0086	20 31 23.4	7.749	0.472	80.1	25 29	20 1860
3045	9.1	31 1.73	3.5705	0.0091	22 0 26.0	7.758	0.477	80.1	39 42	22 1740
3046	8.6	7 31 5.41	+3.5851	−0.0094	+22 35 18.1	−7.762	−0.479	80.1	27 34	22 1741
3047	8.6	31 5.51	3.6231	0.0100	24 4 44.7	7.763	0.484	80.1	31 36	24 1728
3048	9.1	31 14.30	3.5688	0.0091	21 56 46.5	7.774	0.476	80.7	5 Beob.[8]	21 1652
3049	8.8	31 28.99	3.5369	0.0087	20 40 5.3	7.794	0.472	81.1	187 201 229	20 1863
3050	8.8	31 32.13	3.6360	0.0103	24 35 42.5	7.798	0.485	80.2	18 50 57	24 1729

[1] Com. von Nr. 3000 [2] Z. 199 216 229 233 234 [3] Z. 23 48 375 376 426,2 [4] Z. 199 216 229 233 234
[5] Z. 23 48 199 226 228 [6] Z. 187 201 226 228 229 [7] Z. 187 199 216 226 228 229 [8] Z. 39 42 195 199 232

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3051	6.1	$7^h\ 31^m\ 38^s.74$	$+3^s.6336$	$-0^s.0102$	+24° 30′ 14″.6	$-7''.807$	$-0''.485$	80.7	31 36 377	24° 1730
3052	7.8	31 57.41	3.5307	0.0086	20 25 49.7	7.832	0.471	81.2	199 226 228	20 1866
3053	8.5	32 2.12	3.5688	0.0092	21 58 25.4	7.839	0.476	80.1	27 34 52 54	22 1744
3054	8.7	32 4.79	3.5476	0.0089	21 7 24.2	7.842	0.473	81.7	195 232 430	21 1658
3055	8.6	32 7.83	3.5216	0.0085	20 3 48.3	7.846	0.469	80.4	25 29 234	20 1868
3056	9.0	7 32 18.49	+3.5423	−0.0088	+20 54 49.4	−7.861	−0.472	81.1	187 201 229	20 1871
3057	9.2	32 29.80	3.5677	0.0093	21 56 51.9	7.876	0.475	80.8	52 54 377	21 1659
3058	9.3	32 48.29	3.5973	0.0098	23 8 11.9	7.901	0.479	80.7	23 48 226 228	23 1776
3059	8.8	32 57.16	3.6067	0.0100	23 30 49.1	7.912	0.480	80.8	23 199 213 224	23 1777
3060	8.5	33 15.09	3.6069	0.0100	23 31 56.1	7.937	0.480	81.1	199 213 224	23 1779
3061	5.7	7 33 29.35	+3.6009	−0.0099	+23 18 19.5	−7.956	−0.479	80.8	52 54 376	23 1780
3062	9.0	33 32.32	3.5702	0.0094	22 5 16.0	7.960	0.474	80.1	34 39 42	} 22 1749
3063	9.0	33 33.11	3.5701	0.0094	22 5 0.0	7.961	0.474	80.1	27 39 42	
3064	9.2	33 47.41	3.5361	0.0089	20 42 58.9	7.980	0.470	81.1	187 201 229	20 1875
3065	8.1	33 48.31	3.5612	0.0093	21 44 7.5	7.981	0.473	81.4	195 232 377	21 1661
3066	9.0 [1]	7 33 56.61	+3.6050	−0.0100	+23 28 59.6	−7.992	−0.479	81.0	48 226 228 234	} 23 1782
3067	8.9 [2]	33 56.65	3.6050	0.0100	23 28 59.7	7.992	0.479	82.2	375 376	
3068	9.0	34 5.37	3.6133	0.0102	23 48 55.2	8.004	0.480	80.2	50 57	23 1784
3069	8.2	34 7.75	3.6021	0.0100	23 22 44.6	8.007	0.478	81.7	199 234 430	23 1787
3070	9.0	34 7.80	3.6155	0.0103	23 54 13.4	8.007	0.480	80.7	50 57 213 224	23 1786
3071	7.7	7 34 8.34	+3.5776	−0.0096	+22 24 22.3	−8.008	−0.475	80.2	52 54	22 1751
3072	7.7	34 14.01	3.6128	0.0102	23 48 12.1	8.015	0.480	81.2	226 228 229	23 1789
3073	8.8	34 26.21	3.6008	0.0100	23 20 16.6	8.032	0.478	81.1	213 224	23 1790
3074	8.1	34 27.98	3.6264	0.0105	24 20 25.5	8.034	0.481	80.0	18 21	24 1740
3075	8.1	34 36.35	3.5976	0.0100	23 13 8.9	8.045	0.477	81.4	23 199 428	23 1792
3076	8.1	7 34 52.78	+3.5487	−0.0092	+21 16 3.9	−8.067	−0.470	82.2	226 426,2	21 1668
3077	8.7	35 8.42	3.5704	0.0096	22 9 25.5	8.088	0.473	80.1	27 34	22 1753
3078	8.6	35 16.18	3.6277	0.0106	24 25 22.9	8.098	0.481	80.0	18 21	24 1746
3079	7.6	35 16.59	3.5793	0.0098	22 30 59.5	8.099	0.474	80.1	39 42	22 1754
3080	var. [3]	35 32.32	3.6099	0.0103	23 44 31.1	8.120	0.478	81.2	229 234	23 1796
3081	8.6	7 35 32.62	+3.6056	−0.0102	+23 34 16.4	−8.120	−0.477	82.2	375 376	23 1795
3082	8.8	35 40.90	3.6122	0.0104	23 50 14.2	8.131	0.478	82.2	234 375 428	23 1797
3083	9.2	35 49.00	3.5461	0.0093	21 11 48.5	8.142	0.469	81.7	195 232 426,2	21 1671
3084	8.1	35 49.69	3.5269	0.0090	20 24 36.4	8.143	0.467	80.1	25 29	20 1885
3085	6.2	35 55.36	3.5830	0.0099	22 41 31.8	8.151	0.474	80.1	27 34	22 1756
3086	8.6	7 35 58.11	+3.6190	−0.0105	+24 6 50.9	−8.154	−0.479	80.1	31 36 50 57	24 1750
3087	9.3	36 3.08	3.6184	0.0105	24 5 40.5	8.161	0.479	82.2	229 430	} 24 1751
3088	9.0	36 3.62	3.6181	0.0105	24 4 59.3	8.162	0.478	80.1	31 36	
3089	9.2	36 7.02	3.5908	0.0101	23 0 30.4	8.166	0.475	80.2	52 54	23 1799
3090	6.8	36 25.42	3.6294	0.0108	24 32 20.5	8.191	0.480	80.6	18 234	24 1755
3091	9.4	7 36 27.68	+3.6348	−0.0109	+24 44 58.4	−8.194	−0.480	80.9	18 21 428	24 1756
3092	9.0	36 52.46	3.5205	0.0090	20 11 8.4	8.227	0.465	81.6	199 377	} 20 1889
3093	9.2	36 52.67	3.5204	0.0090	20 11 0.9	8.227	0.465	82.7	377 426,2	
3094	7.6	36 53.15	3.5281	0.0091	20 30 3.0	8.228	0.466	83.1	426,2 428	20 1890
3095	**3.6**	**36 53.96**	**3.6329**	**0.0109**	**24 41 44.7**	**8.229**	**0.480**		**Fund. Cat.**	**24 1759**
3096	8.9	7 36 58.77	+3.5695	−0.0098	+22 11 35.9	−8.235	−0.471	81.0	27 34 426,2	22 1759
3097	7.7	37 2.10	3.6058	0.0104	23 38 31.5	8.239	0.476	82.2	375 376	23 1801
3098	8.7	37 5.25	3.5879	0.0101	22 56 1.3	8.244	0.473	81.0	39 42 430	22 1760
3099	8.0	37 15.84	3.5832	0.0101	22 45 8.8	8.258	0.473	80.1	39 42	22 1761
3100	8.6	37 23.22	3.6304	0.0109	24 37 5.0	8.268	0.479	80.1	31 36	24 1763

[1] Dupl. maj. [2] Nicht getrennt gesehen [3] S Geminorum 9.3 9.4 (Z. 430 II)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3101	9.0	7^h 37^m $23^s.61$	$+3^s.5676$	$-0^s.0098$	+22° 7' 53".7	$-8''.268$	$-0''.470$	83.1	428	22° 1762
3102	8.1	37 33.07	3.5971	0.0104	23 19 3.5	8.281	0.474	82.2	375 376	23 1805
3103	9.1	37 34.91	3.6252	0.0109	24 25 31.6	8.283	0.478	82.2	375 376	24 1764
3104	6.7	37 48.93	3.5300	0.0092	20 36 51.4	8.302	0.465	81.6	199 377	20 1893
3105	9.2	37 52.63	3.5642	0.0098	22 0 53.5	8.307	0.470	81.0	27 34 428	22 1764
3106	8.2	7 37 54.98	+3.5433	−0.0095	+21 9 53.3	−8.310	−0.467	81.7	195 232 430	21 1677
3107	9.2	37 55.75	3.5317	0.0093	20 41 12.7	8.311	0.465	81.6	187 201 430	20 1895
3108	8.8	37 57.51	3.6405	0.0112	25 2 7.9	8.313	0.480	80.0	18 21	25 1751
3109	8.7	37 59.36	3.5856	0.0102	22 52 43.6	8.316	0.472	80.1	39 42	22 1765
3110	8.4	38 40.15	3.6094	0.0107	23 50 59.2	8.370	0.475	81.6	199 376	23 1808
3111	7.8	7 38 44.94	+3.5489	−0.0096	+21 25 22.9	−8.376	−0.467	81.1	195 232	21 1679
3112	9.1	39 4.63	3.5838	0.0103	22 50 55.7	8.402	0.471	81.0	27 34 430	22 1769
3113	8.6	39 6.67	3.6161	0.0109	24 8 4.8	8.405	0.475	80.1	31 36	24 1766
3114	8.9	39 38.11	3.5389	0.0096	21 2 51.4	8.446	0.464	80.2	59 60a(½) 61	21 1683
3115	7.8	39 38.55	3.6113	0.0109	23 58 5.2	8.447	0.474	82.0	199 376 428	24 1769
3116	8.6	7 39 41.38	+3.6124	−0.0109	+24 0 56.3	−8.451	−0.474	81.0	31 36 428	24 1770
3117	8.6	39 41.97	3.5722	0.0102	22 24 34.5	8.451	0.469	82.2	375 377	22 1771
3118	9.1	39 54.38	3.6395	0.0114	25 4 52.0	8.468	0.478	80.9	18 21 430	25 1762
3119	8.6	40 2.53	3.5980	0.0107	23 27 31.1	8.479	0.472	81.9	199 375 376	23 1810
3120	8.5	40 24.84	3.5428	0.0097	21 14 28.8	8.508	0.464	80.2	59 60a(½) 61	21 1686
3121	8.8	7 40 26.43	+3.5564	−0.0100	+21 47 48.2	−8.510	−0.466	80.8	67 69 377	21 1688
3122	8.2	40 33.72	3.5451	0.0098	21 20 27.8	8.520	0.464	81.1	187 195 201 232	21 1689
3123	8.9	40 47.83	3.5501	0.0099	21 33 22.1	8.538	0.465	81.1	187 195 201 232	21 1690
3124	6.2	41 5.08	3.5966	0.0108	23 26 54.4	8.561	0.471	81.0	52 54 430	23 1812
3125	8.5	41 9.31	3.5782	0.0104	22 42 36.2	8.567	0.468	80.1	27 34	22 1779
3126	9.0	7 41 9.79	+3.6204	−0.0112	+24 23 33.4	−8.567	−0.474	81.1	18 21 375 376	24 1775
3127	8.3	41 13.72	3.5659	0.0102	22 12 57.2	8.573	0.466	80.1	27 34	22 1780
3128	9.2	41 21.22	3.5882	0.0106	23 7 27.0	8.582	0.469	80.2	63 65	23 1815
3129	8.2	41 23.96	3.5385	0.0098	21 6 6.7	8.586	0.463	80.2	59 61	21 1693
3130	8.7	41 38.01	3.5956	0.0108	23 25 49.4	8.605	0.470	81.1	199 209 234	23 1816
3131	7.2	7 41 47.18	+3.6300	−0.0115	+24 47 54.5	−8.617	−0.474	80.0	18 21	24 1777
3132	var.[1]	41 47.79	3.6108	0.0111	24 2 38.2	8.617	0.472	81.2	209 229 239	24 1778
3133	8.2	41 55.09	3.5134	0.0094	20 4 45.9	8.627	0.459	80.5	59 61 377	20 1913
3134	8.8	42 1.84	3.5992	0.0109	23 35 29.7	8.636	0.470	81.1	63 65 430	23 1818
3135	8.4	42 4.07	3.6241	0.0114	24 34 46.3	8.639	0.473	80.4	18 21 239	24 1779
3136	8.3	7 42 39.55	+3.5849	−0.0107	+23 2 40.7	−8.686	−0.467	80.7	39 42 377	23 1821
3137	8.8[2]	42 46.99	3.6299	0.0116	24 50 26.1	8.695	0.473	80.6	50 57 199 229	24 1783
3138	9.2	42 53.82	3.5860	0.0108	23 6 1.1	8.704	0.467	80.2	52 54	23 1822
3139	7.3	43 8.29	3.6202	0.0115	24 28 27.5	8.723	0.472	80.1	18 21 31 36	24 1785
3140	8.7	43 9.16	3.5915	0.0109	23 20 4.4	8.724	0.468	80.5	63 65 234	23 1825
3141	8.4	7 43 14.53	+3.6106	−0.0113	+24 5 52.3	−8.732	−0.470	81.0	31 36 430	24 1786
3142	9.0	43 20.34	3.5114	0.0095	20 2 53.2	8.739	0.457	80.2	59 61 67 69	20 1920
3143	9.2	43 31.69	3.5694	0.0106	22 27 18.4	8.754	0.465	80.7	27 34 375	22 1790
3144	8.6	43 35.90	3.5277	0.0098	20 44 31.9	8.760	0.459	81.1	187 195 201 232	20 1922
3145	8.5	43 37.02	3.5719	0.0106	22 33 43.9	8.761	0.465	80.7	39 42 377	22 1791
3146	9.0	7 44 0.16	+3.5805	−0.0108	+22 55 39.2	−8.791	−0.466	80.2	52 54	22 1792
3147	9.2	44 2.13	3.5888	0.0110	23 15 47.2	8.794	0.467	81.2	209 234	23 1828
3148	9.2	44 3.64	3.6001	0.0112	23 43 0.3	8.796	0.468	80.2	50 57 63 65	23 1829
3149	9.0	44 11.07	3.5683	0.0106	22 26 25.9	8.806	0.464	80.1	27 34	22 1793
3150	9.0	44 11.68	3.5136	0.0096	20 10 33.8	8.807	0.457	80.2	59 61 67 69	20 1925

[1] T Geminorum, 9.3 8.3 (8) [2] Dupl. 3" med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3151	9.1	7h 44m 14s.53	+3s.5763	−0s.0108	+22° 46′ 0″.3	−8″.810	−0″.465	81.0	39 42 430	22° 1794
3152	9.2 [1]	44 28.74	3.5713	0.0107	22 34 26.8	8.829	0.464	81.1	39 42 375 376	22 1797
3153	9.1	44 52.98	3.6059	0.0114	23 59 6.1	8.861	0.468	80.7	18 21 377	24 1791
3154	9.0	44 55.70	3.5442	0.0103	21 28 58.2	8.864	0.460	81.1	195 232 234	21 1706
3155	9.0	45 3.26	3.5466	0.0103	21 35 14.3	8.874	0.460	80.2	52 54	21 1707
3156	8.8	7 45 20.33	+3.6012	−0.0114	+23 49 10.8	−8.896	−0.467	81.1	50 57 430	23 1832
3157	9.0	45 22.14	3.5169	0.0098	20 21 47.5	8.899	0.456	80.2	61	[20 1928]
3158	9.0	45 28.09	3.5709	0.0108	22 36 4.7	8.906	0.463	80.7	27 34 376	22 1800
3159	7.3	45 35.48	3.5721	0.0108	22 39 15.1	8.916	0.463	80.7	39 42 376	22 1803
3160	8.8	45 40.79	3.5165	0.0098	20 21 30.8	8.923	0.455	80.7	59 199 209	20 1932
3161	8.4	7 45 45.60	+3.5198	−0.0099	+20 29 55.4	−8.929	−0.456	80.8	59 61 377	20 1933
3162	9.1	46 2.29	3.5353	0.0102	21 9 28.0	8.951	0.458	80.4	5 Beob. [2]	21 1708
3163	9.2	46 3.20	3.5353	0.0102	21 9 27.5	8.952	0.458	80.4	5 Beob. [3]	
3164	9.4	46 20.49	3.6328	0.0121	25 7 11.6	8.975	0.470	80.1	18 21 50 57	25 1786
3165	8.8	46 45.16	3.5998	0.0115	23 49 37.5	9.007	0.465	80.8	63 65 376	23 1840
3166	7.2	7 46 51.58	+3.5409	−0.0104	+21 25 43.0	−9.015	−0.457	80.2	52 54	21 1714
3167	9.1	46 59.56	3.5764	0.0111	22 53 33.9	9.026	0.462	80.7	27 34 375	22 1806
3168	8.7	47 8.03	3.5107	0.0099	20 10 15.7	9.037	0.453	80.2	59 60a(½) 61	20 1941
3169	8.7	47 23.02	3.6157	0.0119	24 29 39.0	9.056	0.467	80.1	18 21 31 36	24 1800
3170	8.9	47 25.49	3.5341	0.0103	21 10 9.4	9.060	0.456	81.1	187 195 201 239	21 1715
3171	var. [4]	7 47 41.23	+3.5618	−0.0109	+22 19 40.8	−9.080	−0.459	81.0	27 34 425	22 1807
3172	8.5	47 45.42	3.5537	0.0107	21 59 47.6	9.085	0.458	81.0	27 234 377	22 1808
3173	8.5	48 0.01	3.6199	0.0121	24 41 22.7	9.104	0.466	80.1	21 31 36	24 1802
3174	9.2	48 0.87	3.5769	0.0112	22 57 37.3	9.106	0.461	80.7	39 42 376	23 1843
3175	9.1	48 15.08	3.6191	0.0121	24 40 12.0	9.124	0.466	80.9	18 199 229 234	24 1803
3176	8.9	7 48 20.28	+3.6161	−0.0120	+24 33 20.3	−9.131	−0.466	80.2	50 57	24 1804
3177	5.3	48 22.09	3.5105	0.0100	20 12 43.4	9.133	0.452	80.2	59 60a(½) 61	20 1946
3178	8.1	48 29.21	3.6269	0.0123	24 59 34.4	9.142	0.467	80.4	50 57 199	25 1794
3179	7.1	48 34.66	3.6026	0.0118	24 1 30.8	9.149	0.464	81.0	31 36 430	24 1805
3180	9.0	48 35.08	3.5072	0.0100	20 5 5.3	9.150	0.451	81.3	187 201 209 377	20 1947
3181	7.0	7 48 37.60	+3.6007	−0.0117	+23 57 7.9	−9.153	−0.463	81.1	50 57 430	24 1806
3182	7.7	48 53.89	3.5745	0.0113	22 54 17.9	9.174	0.460	80.1	39 42	22 1810
3183	8.2	48 54.45	3.5321	0.0105	21 8 46.6	9.175	0.454	80.7	5 Beob. [5]	21 1719
3184	9.2	48 59.36	3.5489	0.0108	21 51 5.0	9.181	0.456	81.2	52 229 234 376	21 1720
3185	9.2	48 59.41	3.5491	0.0108	21 51 40.7	9.182	0.456	81.1	54 195 209 376	
3186	9.0	7 48 59.86	+3.5565	−0.0109	+22 9 56.1	−9.182	−0.457	81.1	27 34 375 377	22 1811
3187	9.1	49 7.81	3.5572	0.0110	22 12 14.4	9.192	0.457	80.7	39 42 375	22 1813
3188	8.2	49 18.74	3.5099	0.0101	20 13 35.7	9.207	0.451	80.7	60a(½) 61 187 201	20 1950
3189	9.0	49 36.65	3.5088	0.0101	20 11 32.7	9.230	0.450	80.7	59 199 209	20 1951
3190	9.0	49 41.37	3.5843	0.0116	23 20 20.8	9.236	0.460	80.2	63 65	23 1853
3191	7.1	7 49 44.96	+3.5348	−0.0106	+21 17 50.5	−9.241	−0.454	80.7	67 69 195 232	21 1724
3192	9.0	49 54.64	3.5525	0.0110	22 2 30.9	9.253	0.456	80.2	27 52 54	22 1817
3193	8.7	50 1.58	3.6213	0.0123	24 50 39.5	9.262	0.464	80.9	18 21 430	24 1811
3194	9.2	50 56.63	3.5145	0.0103	20 29 26.1	9.333	0.450	80.2	59 60a(½) 61	20 1958
3195	8.5	51 14.83	3.5244	0.0106	20 55 37.4	9.357	0.451	81.1	187 195 201 232	20 1959
3196	8.3	7 51 33.17	+3.5375	−0.0108	+21 29 20.5	−9.380	−0.452	80.8	52 54 376	21 1730
3197	9.1	51 34.16	3.6124	0.0123	24 33 54.0	9.382	0.462	80.1	18 21 50 57	24 1815
3198	9.0	51 35.06	3.6145	0.0124	24 39 2.3	9.383	0.462	80.0	18 21	24 1816
3199	9.2	51 35.23	3.5232	0.0106	20 53 19.8	9.383	0.450	81.1	187 195 232	20 1962
3200	8.7	51 45.86	3.5220	0.0106	20 50 52.0	9.397	0.450	80.2	59 60a(½) 61	20 1965

[1] Dupl. 10″ seq. maj. [2] Z. 52 54 67 69 187 [3] Z. 52 54 67 69 187
[4] U Geminorum, 9.1 9.5 9.3 (Z. 430 nicht gesehen) [5] Z. 67 69 187 195 201

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3201	7.6	7h 52m 12s.09	+3s.5299	−0s.0108	+21° 11′ 57″.6	−9″.430	−0″.450	80.5	67 69 199	21° 1731
3202	8.9	52 12.75	3.5206	0.0106	20 48 23.4	9.431	0.449	80.5	67 69 199	20 1968
3203	6.7	52 15.59	3.5857	0.0119	23 31 15.8	9.435	0.457	80.8	63 65 375	23 1863
3204	8.3	52 19.88	3.5833	0.0118	23 25 30.9	9.440	0.457	80.8	63 65 377	23 1864
3205	8.8	52 22.65	3.6076	0.0123	24 24 49.8	9.444	0.460	80.1	31 36	24 1820
3206	9.0	7 52 33.00	+3.5042	−0.0103	+20 7 15.1	−9.457	−0.447	80.9	6 Beob.[1]	20 1970
3207	9.4	52 33.91	3.5041	0.0103	20 7 8.8	9.459	0.447	81.3	187 209 234 376	
3208	9.1	52 39.17	3.5383	0.0110	21 34 23.2	9.465	0.451	80.2	52 54	21 1732
3209	9.0	52 49.79	3.5825	0.0119	23 25 7.2	9.479	0.456	80.5	63 65 234	23 1865
3210	9.1	52 53.13	3.6003	0.0122	24 8 38.8	9.483	0.459	80.4	18 21 31 239	24 1821
3211	9.1	7 53 8.33	+3.5404	−0.0111	+21 41 10.7	−9.503	−0.451	81.1	195 232 239	21 1734
3212	6.5	53 30.91	3.5040	0.0104	20 9 25.4	9.532	0.446	80.8	59 61 375	20 1976
3213	6.4	53 32.73	3.5941	0.0122	23 55 29.2	9.534	0.457	80.8	50 57 377	23 1866
3214	8.6	53 34.21	3.5327	0.0110	21 22 46.6	9.536	0.449	80.2	52 54	21 1737
3215	9.0	53 40.78	3.5560	0.0114	22 21 55.4	9.544	0.452	80.7	27 234	22 1832
3216	8.7	7 53 58.23	+3.5638	−0.0116	+22 42 2.2	−9.567	−0.453	80.1	27 34	22 1834
3217	7.5	54 1.24	3.6016	0.0124	24 15 19.9	9.571	0.457	80.2	21 50 57	24 1826
3218	9.0	54 20.18	3.5752	0.0119	23 11 27.0	9.595	0.454	80.2	63 65	23 1867
3219	8.8	54 23.63	3.5179	0.0108	20 47 25.6	9.599	0.446	81.1	187 201 209 239	20 1979
3220	9.0	54 35.88	3.5998	0.0124	24 12 37.4	9.615	0.457	80.1	31 36	24 1829
3221	9.3	7 54 40.13	+3.5449	−0.0113	+21 56 42.9	−9.620	−0.449	80.2	52 54	21 1742
3222	8.6	54 47.27	3.5790	0.0120	23 22 8.4	9.630	0.454	80.2	63 65	23 1869
3223	7.9	54 48.09	3.5010	0.0105	20 4 54.6	9.631	0.444	80.5	67 69 209	20 1982
3224	9.2	55 9.22	3.5947	0.0124	24 1 55.0	9.658	0.455	80.1	31 36	24 1830
3225	8.1	55 10.57	3.5508	0.0115	22 13 1.8	9.659	0.450	80.1	39 42	22 1839
3226	8.7	7 55 31.41	+3.5285	−0.0111	+21 17 29.0	−9.686	−0.446	81.1	199 209 234	21 1744
3227	9.0	55 37.85	3.6164	0.0129	24 56 12.1	9.694	0.458	80.2	50 57	24 1835
3228	9.0	55 49.41	3.5843	0.0123	23 38 24.2	9.709	0.453	80.2	63 65	23 1872
3229	8.6	55 56.51	3.5665	0.0119	22 54 36.7	9.718	0.451	81.2	229 234	22.1842
3230	7.7	56 15.74	3.5135	0.0109	20 41 14.1	9.743	0.444	81.2	209 241	20 1986
3231	9.1	7 56 17.44	+3.6102	−0.0129	+24 43 15.3	−9.745	−0.456	80.2	50 57	24 1837
3232	9.3	56 18.13	3.5018	0.0106	20 11 10.8	9.746	0.442	82.2	378	[20 1985]
3233	9.0	56 26.52	3.6155	0.0130	24 56 37.5	9.756	0.456	80.2	50 57	24 1838
3234	7.1	56 27.59	3.5541	0.0117	22 25 9.5	9.758	0.449	81.7	199 234 428	22 1845
3235	9.3	56 30.89	3.5087	0.0108	20 29 24.9	9.762	0.443	81.7	229 377	20 1987
3236	8.5	7 56 31.81	+3.5862	−0.0124	+23 45 16.8	−9.763	−0.453	82.2	239 425	23 1877
3237	9.1	56 37.95	3.6003	0.0127	24 20 7.9	9.771	0.454	80.7	31 239	24 1839
3238	7.8	56 38.53	3.6131	0.0130	24 51 26.8	9.772	0.456	81.2	229 239	24 1840
3239	8.1	56 39.14	3.5460	0.0116	22 5 11.6	9.772	0.447	81.7	199 237 428	22 1846
3240	8.5	56 56.41	3.5072	0.0108	20 26 51.2	9.794	0.442	81.6	67 425	20 1992
3241	7.8	7 57 8.18	+3.5282	−0.0113	+21 21 28.9	−9.809	−0.445	81.1	195 232	21 1753
3242	8.4	57 10.32	3.5001	0.0107	20 8 54.6	9.812	0.441	81.2	209 234	20 1993
3243	8.4	57 13.18	3.6080	0.0129	24 40 46.6	9.816	0.455	80.2	50 57	24 1843
3244	9.3	57 15.19	3.5712	0.0122	23 10 24.7	9.818	0.450	81.1	63 65 428	23 1882
3245	9.2	57 16.93	3.6060	0.0129	24 36 3.4	9.820	0.454	81.4	31 36 376 425	— —
3246	9.3	7 57 22.15	+3.6055	−0.0129	+24 35 10.8	−9.827	−0.454	82.6	377 378 425	24 1844
3247	8.3	57 25.67	3.5903	0.0126	23 58 3.4	9.832	0.452	81.2	229 237	24 1845
3248	8.8	57 34.88	3.5097	0.0109	20 35 3.4	9.843	0.442	80.2	59 60a(½) 61	20 1994
3249	9.0	57 37.63	3.5064	0.0109	20 26 31.7	9.847	0.441	80.7	67 230	20 1997
3250	8.6	57 56.53	3.5158	0.0111	20 51 52.6	9.871	0.442	81.2	199 230 234	20 1998

[1] Z. 59 60a(Gew. ½) 61 201 229 376

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3251	8.4	7h 57m 58s.24	+3s.6037	−0s.0129	+24° 32′ 42″.3	−9″.873	−0″.453	80.1	31 36	24° 1847
3252	8.7	58 9.05	3.6108	0.0131	24 50 34.0	9.887	0.454	81.2	209 239	24 1848
3253	9.1	58 17.40	3.5218	0.0112	21 8 12.4	9.897	0.442	80.8	67 195 232	21 1757
3254	8.8	58 23.88	3.5993	0.0129	24 23 24.6	9.905	0.452	80.8	50 57 377	24 1852
3255	9.0	58 29.93	3.5220	0.0113	21 9 22.0	9.913	0.442	80.2	52 54	21 1760
3256	9.3	7 58 44.30	+3.5892	−0.0127	+23 59 40.3	−9.931	−0.450	80.8	63 65 376	24 1854
3257	9.0	58 52.86	3.5824	0.0126	23 43 6.0	9.942	0.449	80.7	63 234	23 1886
3258	6.2	58 53.89	3.5648	0.0122	22 59 26.4	9.944	0.447	81.0	39 42 370 379	23 1887
3259	9.1	58 56.93	3.5986	0.0129	24 23 26.6	9.947	0.451	80.5	50 57 239	24 1856
3260	8.7	59 8.31	3.6011	0.0130	24 30 14.6	9.962	0.452	81.2	199 209 237 241	24 1858
3261	8.6	7 59 8.77	+3.5512	−0.0119	+22 25 50.8	−9.962	−0.445	80.7	27 34 378	22 1852
3262	7.8	59 11.47	3.5603	0.0121	22 48 50.0	9.966	0.446	80.4	27 34 237	22 1854
3263	9.1	59 20.30	3.5983	0.0130	24 24 2.2	9.977	0.451	80.7	50 57 229 239	24 1860
3264	7.9	59 31.42	3.5675	0.0123	23 7 59.4	9.991	0.447	81.0	39 42 370 379	23 1888
3265	8.1	59 42.38	3.5228	0.0114	21 14 55.7	10.005	0.441	80.8	52 54 377	21 1763
3266	8.1	8 0 10.64	+3.4975	−0.0109	+20 10 36.9	−10.041	−0.437	80.2	59 60a(½) 61	20 2003
3267	8.1	0 22.69	3.5964	0.0131	24 22 40.7	10.056	0.449	81.0	31 36 370 379	24 1863
3268	5.6	0 24.39	3.5382	0.0118	21 56 33.8	10.058	0.442	81.0	52 54 230 376	22 1862
3269	8.5	0 26.00	3.5666	0.0124	23 8 31.4	10.060	0.446	81.0	39 42 430	23 1892
3270	8.8	0 35.62	3.6132	0.0135	25 4 29.2	10.072	0.451	80.8	50 57 378	25 1853
3271	9.0	8 0 37.33	+3.5578	−0.0123	+22 46 55.7	−10.074	−0.444	80.1	27 34	22 1863
3272	8.7	0 43.52	3.5880	0.0129	24 2 53.7	10.082	0.448	80.1	31 36	24 1867
3273	9.0	0 46.98	3.6065	0.0134	24 48 50.6	10.086	0.450	81.4	71 234 430	24 1868
3274	9.0	0 51.35	3.5757	0.0127	23 32 44.1	10.092	0.446	81.0	63 65 370 379	23 1894
3275	8.9	0 53.48	3.5139	0.0113	20 55 22.1	10.095	0.438	80.9	67 195 199 232	20 2005
3276	8.8	8 1 11.04	+3.5144	−0.0114	+20 57 37.7	−10.117	−0.438	80.8	67 195 232	21 1766
3277	8.4	1 23.35	3.4952	0.0110	20 7 54.8	10.132	0.436	80.2	59 60a(½) 61	20 2008
3278	8.9	2 2.47	3.5025	0.0112	20 28 54.8	10.181	0.436	80.2	59 60a(½) 61	20 2012
3279	9.2	2 7.16	3.5326	0.0119	21 47 29.3	10.187	0.439	80.5	52 54 230	21 1768
3280	8.9	2 9.19	3.5312	0.0119	21 43 52.0	10.190	0.439	81.1	195 199 232	21 1769
3281	8.0	8 3 30.94	+3.5616	−0.0127	+23 5 43.9	−10.292	−0.441	80.4	39 42 229	23 1901
3282	8.9	3 35.16	3.5160	0.0117	21 8 47.0	10.298	0.436	80.2	59 61 67 69	21 1779
3283	8.6	4 4.60	3.5788	0.0131	23 51 3.6	10.334	0.443	81.0	50 57 370 379	23 1905
3284	9.0	4 33.12	3.5761	0.0131	23 45 49.8	10.370	0.442	81.1	63 65 377 378	23 1906
3285	9.5	4 43.98	3.5212	0.0119	21 25 44.8	10.384	0.435	80.7	52 54 195 232	21 1781
3286	9.0	8 4 56.08	+3.5795	−0.0132	+23 55 41.0	−10.399	−0.442	80.2	50 57 63 65	23 1907
3287	9.1	4 58.97	3.5184	0.0119	21 19 18.2	10.402	0.434	80.8	52 54 376	21 1783
3288	8.9	5 26.49	3.5510	0.0126	22 45 6.2	10.437	0.438	80.4	27 34 230	22 1880
3289	9.1	6 2.94	3.5864	0.0135	24 16 51.0	10.482	0.441	80.4	31 36 237	24 1881
3290	7.9	6 6.23	3.5019	0.0116	20 39 22.1	10.486	0.431	80.8	59 61 376	20 2020
3291	8.8	8 6 7.30	+3.6056	−0.0140	+25 4 51.9	−10.487	−0.444	81.0	50 57 370 379	25 1878
3292	9.4	6 12.26	3.5567	0.0128	23 2 7.8	10.494	0.438	80.1	39 42 63	23 1911
3293	6.6	6 17.15	3.5678	0.0131	23 30 43.3	10.500	0.439	81.0	52 54 370 379	23 1913
3294	8.5	6 28.40	3.5474	0.0127	22 39 15.6	10.514	0.436	80.4	27 34 237	22 1886
3295	9.1	6 42.26	3.5329	0.0124	22 2 34.4	10.531	0.434	80.7	39 42 376	22 1887
3296	8.4	8 6 48.37	+3.4874	−0.0114	+20 3 8.7	−10.538	−0.428	80.5	59 61 237	20 2021
3297	9.3	7 7.44	3.5007	0.0117	20 39 15.9	10.562	0.429	81.2	5 Beob.[1]	20 2022
3298	7.0	7 9.22	3.5104	0.0119	21 5 2.5	10.564	0.430	81.1	195 199 229 232	21 1792
3299	9.1	7 13.35	3.5477	0.0128	22 42 25.8	10.569	0.435	80.4	27 34 230	22 1889
3300	8.6	7 14.21	3.6047	0.0141	25 6 42.7	10.570	0.442	81.0	50 57 370 379	25 1880

[1] Z. 195 199 229 232 239



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3301	8.7	8h 7m 23s.33	+3s.5566	−0s.0130	+23° 5' 56".6	−10".582	−0".436	80.2	52 54 63 65	23° 1918
3302	9.2	7 36.27	3.5003	0.0117	20 39 40.8	10.598	0.429	81.2	199 209 229 234	20 2025
3303	8.5	7 36.73	3.5183	0.0121	21 27 26.5	10.598	0.431	80.5	67 69 209	21 1795
3304	8.9	7 38.68	3.5946	0.0139	24 42 57.5	10.601	0.440	81.3	71 234 377 378	24 1887
3305	8.8	7 39.67	3.5850	0.0137	24 19 0.3	10.602	0.439	80.7	31 36 230 239	24 1888
3306	8.7	8 7 42.74	+3.5804	−0.0136	+24 7 30.6	−10.606	−0.439	80.7	31 36 378	24 1889
3307	9.1	7 57.17	3.4850	0.0114	19 59 58.2	10.624	0.426	80.8	59 61 376	20 2026
3308	8.0	8 8.28	3.4985	0.0117	20 36 46.1	10.637	0.428	80.2	59 61	20 2028
3309	9.1	8 11.73	3.5249	0.0123	21 46 33.4	10.642	0.431	80.2	52 54	21 1798
3310	8.8	8 18.54	3.5357	0.0126	22 15 0.3	10.650	0.432	80.1	27 34	22 1890
3311	8.8	8 8 24.13	+3.5223	−0.0123	+21 40 14.8	−10.657	−0.431	80.7	67 69 195 232	21 1799
3312	8.4	8 31.60	3.5097	0.0120	21 7 30.4	10.666	0.429	80.5	67 69 209	21 1800
3313	8.8	8 37.74	3.5287	0.0125	21 57 49.6	10.674	0.431	80.7	67 69 195 232	22 1891
3314	8.3	8 44.02	3.5421	0.0128	22 33 6.3	10.682	0.433	80.1	39 42	22 1892
3315	8.9	8 48.61	3.6016	0.0142	25 4 35.1	10.687	0.440	80.8	50 57 377	25 1888
3316	9.1	8 8 51.35	+3.5864	−0.0138	+24 26 46.0	−10.691	−0.438	80.1	31 36	24 1895
3317	8.9	9 5.09	3.5558	0.0131	23 9 35.2	10.708	0.434	80.2	63 65	23 1922
3318	8.7	9 8.11	3.5595	0.0132	23 19 18.2	10.711	0.434	80.2	63 65	23 1924
3319	9.2	9 8.22	3.5512	0.0130	22 57 55.8	10.711	0.433	81.2	209 230 239	23 1923
3320	7.5	9 26.77	3.5197	0.0124	21 36 47.8	10.734	0.429	81.7	195 232 425	21 1803
3321	8.6	8 9 35.20	+3.5548	−0.0132	+23 8 46.2	−10.745	−0.433	80.2	63 65	23 1925
3322	8.4	9 35.60	3.5353	0.0127	22 18 10.8	10.745	0.431	80.1	27 34	22 1894
3323	8.7	9 48.27	3.5998	0.0143	25 3 40.7	10.761	0.438	81.7	199 241 430	25 1891
3324	8.7	9 56.81	3.5179	0.0124	21 33 52.6	10.771	0.428	80.5	67 69 209	21 1804
3325	8.5	10 33.81	3.5171	0.0124	21 33 45.3	10.817	0.427	81.1	195 232	21 1805
3326	8.6	8 10 35.32	+3.4869	−0.0117	+20 13 13.8	−10.819	−0.423	81.6	199 234 370 379	20 2040
3327	9.3	10 49.97	3.5080	0.0122	21 10 27.4	10.837	0.426	80.6	67 69 209 229	21 1806
3328	9.0	11 3.84	3.5452	0.0131	22 49 4.3	10.854	0.430	80.1	27 34	22 1899
3329	8.5	11 5.04	3.5403	0.0130	22 36 25.5	10.855	0.429	80.1	27 34	22 1900
3330	8.4	11 14.41	3.4811	0.0117	19 59 47.2	10.866	0.422	80.8	59 61 378	20 2045
3331	8.2	8 11 35.32	+3.5231	−0.0127	+21 52 54.3	−10.892	−0.427	80.7	71 234	21 1807
3332	7.0	11 42.38	3.5851	0.0142	24 33 46.2	10.901	0.434	80.1	31 36	24 1903
3333	8.6	11 45.12	3.4887	0.0119	20 21 50.2	10.904	0.422	80.5	67 69 209	20 2049
3334	8.9	11 54.04	3.5156	0.0125	21 34 13.3	10.915	0.425	81.1	195 220 232	21 1809
3335	8.4	12 5.27	3.5171	0.0126	21 38 47.4	10.929	0.425	80.7	71 237	21 1810
3336	9.0	8 12 7.48	+3.5639	−0.0137	+23 41 9.5	−10.931	−0.431	81.0	63 65 370 379	23 1932
3337	7.9	12 26.13	3.5090	0.0124	21 18 26.9	10.954	0.424	81.1	195 232	21 1812
3338	8.5	12 30.32	3.4959	0.0121	20 43 34.3	10.959	0.423	81.4	199 234 378	20 2055
3339	8.0	12 35.12	3.5753	0.0140	24 12 0.2	10.965	0.432	80.1	31 36	24 1907
3340	8.0	12 45.77	3.4848	0.0119	20 14 29.0	10.978	0.421	80.2	59 61	20 2057
3341	8.9	8 12 45.98	+3.5318	−0.0130	+22 19 55.6	−10.978	−0.426	80.1	27 34	22 1911
3342	9.1	13 0.13	3.5100	0.0125	21 23 1.5	10.996	0.423	80.8	5 Beob.[1]	21 1816
3343	6.4	13 3.43	3.5045	0.0124	21 8 24.5	11.000	0.423	80.8	71 237 239	21 1817
3344	6.2	13 6.07	3.5794	0.0142	24 24 51.3	11.003	0.432	80.4	31 36 239	24 1909
3345	8.7	13 39.53	3.5153	0.0127	21 39 14.7	11.044	0.423	81.1	71 234 378	21 1820
3346	8.4	8 13 44.57	+3.5327	−0.0131	+22 25 29.8	−11.050	−0.425	81.0	39 42 430	22 1914
3347	9.1	13 46.19	3.4816	0.0119	20 8 58.9	11.052	0.419	80.7	59 61 220 241	20 2063
3348	7.7	14 8.11	3.5294	0.0131	22 18 15.2	11.079	0.424	81.0	39 42 370 379	22 1915
3349	8.8	14 13.11	3.5222	0.0129	21 59 23.5	11.085	0.423	80.5	27 34 199 229	22 1916
3350	8.0	14 28.19	3.5528	0.0137	23 20 51.2	11.103	0.427	80.2	63 65	23 1939

[1] Z. 67 69 199 229 232



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3351	8.5	8^h 14^m $32^s.03$	$+3^s.5776$	$-0^s.0143$	+24° 25′ 9″.5	−11″.108	−0″.430	81.0	31 36 370 379	24° 1913
3352	8.5	14 38.25	3.5559	0.0138	23 29 32.6	11.115	0.427	80.8	63 65 378	23 1940
3353	8.8	14 47.16	3.5652	0.0140	23 54 1.6	11.126	0.428	81.1	63 65 430	23 1941
3354	7.5	14 49.09	3.4849	0.0121	20 21 20.8	11.128	0.418	80.5	59 61 234	20 2066
3355	8.9	14 53.76	3.5177	0.0129	21 49 51.7	11.134	0.422	80.7	67 69 195 232	21 1825
3356	9.0	8 14 54.78	+3.5215	−0.0130	+21 59 57.6	−11.135	−0.422	80.1	27 34	22 1918
3357	9.0	15 40.43	3.4974	0.0125	20 58 1.7	11.191	0.418	80.6	67 69 199 229	21 1828
3358	8.8	15 49.18	3.4850	0.0122	20 24 58.8	11.201	0.417	81.0	59 61 370 379	20 2070
3359	9.1	16 4.52	3.5559	0.0139	23 34 45.3	11.220	0.425	81.0	71 230 234 241	23 1944
3360	8.8	16 5.37	3.5257	0.0132	22 15 24.0	11.221	0.421	80.6	27 34 220 237	22 1920
3361	8.9	8 16 6.53	+3.4802	−0.0121	+20 12 48.0	−11.222	−0.416	81.1	199 209 237	20 2072
3362	8.3	16 7.23	3.5640	0.0141	23 56 3.7	11.223	0.426	81.1	63 65 430	24 1918
3363	9.0	16 8.84	3.5256	0.0132	22 15 22.9	11.225	0.421	81.1	220	[22 1921]
3364	8.6	16 17.85	3.5246	0.0132	22 13 12.8	11.236	0.421	80.1	39 42	22 1922
3365	9.0	16 37.22	3.5143	0.0130	21 46 48.1	11.259	0.419	80.7	67 69 195 232	21 1829
3366	9.2	8 17 14.28	+3.5216	−0.0132	+22 8 28.8	−11.304	−0.419	80.9 80.6	27 34δ 220 237	22 1925
3367	9.0	17 15.44	3.5894	0.0149	25 5 48.5	11.305	0.428	81.4	71 234 370 379	25 1916
3368	9.0	17 27.11	3.4761	0.0121	20 6 5.3	11.319	0.414	80.5	59 61 230	20 2076
3369	7.8	17 30.44	3.5715	0.0145	24 20 47.5	11.323	0.425	81.0	31 36 430	24 1920
3370	8.9	17 30.45	3.5229	0.0133	22 12 56.6	11.323	0.419	81.2	39 42 378 379	22 1926
3371	8.6	8 17 33.99	+3.4857	−0.0124	+20 32 42.6	−11.328	−0.415	80.2	59 61	20 2078
3372	7.0	17 34.47	3.4859	0.0124	20 33 19.2	11.328	0.415	80.6	67 69 199 229	20 2079
3373	8.4	17 51.80	3.5805	0.0148	24 45 12.7	11.349	0.426	80.1	31 36	24 1921
3374	9.0	17 53.46	3.5227	0.0133	22 13 47.0	11.351	0.419	80.1	39 42	22 1928
3375	8.2	17 57.53	3.5618	0.0143	23 57 12.5	11.356	0.423	80.2	63 65	24 1922
3376	8.3	8 17 58.78	+3.5345	−0.0136	+22 45 25.1	−11.357	−0.420	80.1	27 34	22 1929
3377	8.9	18 7.76	3.5372	0.0137	22 53 18.6	11.368	0.420	80.2	63 65	22 1931
3378	8.7	18 26.89	3.5078	0.0130	21 35 43.4	11.391	0.416	80.9	71 195 232	21 1835
3379	8.8	18 37.08	3.4727	0.0121	20 0 36.8	11.403	0.412	80.5	59 61 220	20 2081
3380	8.5	18 44.68	3.4854	0.0125	20 35 55.0	11.412	0.413	80.6	67 69 199 229	20 2082
3381	7.5	8 19 13.58	+3.5828	−0.0150	+24 56 36.2	−11.447	−0.424	80.4	31 36 239	} 25 1920
3382	8.2[1]	19 13.88	3.5828	0.0150	24 56 40.6	11.447	0.424	80.4	31 36 239	}
3383	9.0	19 14.51	3.4758	0.0123	20 11 9.8	11.448	0.411	80.5	59 61 237	20 2084
3384	8.8	19 22.73	3.5087	0.0131	21 41 30.0	11.458	0.415	80.7	67 69 195 232	21 1838
3385	9.0	19 28.23	3.5318	0.0137	22 43 50.9	11.465	0.418	80.4	27 34 230	22 1932
3386	8.5	8 19 39.38	+3.5551	−0.0143	+23 46 19.1	−11.478	−0.420	81.2	63 65 378 379	23 1958
3387	8.5	19 40.36	3.5634	0.0145	24 8 8.3	11.479	0.421	81.4	71 234 430	24 1925
3388	8.8	19 58.43	3.5085	0.0132	21 43 11.0	11.501	0.414	80.7	67 69 195 232	21 1840
3389	7.8	20 3.22	3.5497	0.0142	23 33 39.3	11.506	0.419	80.5	63 65 237	} 23 1960
3390	9.2	20 3.82	3.5496	0.0142	23 33 15.8	11.507	0.419	81.2	209 234 237	}
3391	8.9	8 20 15.62	+3.5115	−0.0133	+21 52 18.0	−11.521	−0.414	80.7	71 234	21 1842
3392	6.3	20 50.20	3.5039	0.0131	21 33 47.0	11.563	0.413	80.7	67 69 195 232	21 1844
3393	8.5	21 4.14	3.5802	0.0151	24 57 11.1	11.579	0.421	81.2	71 234 379	25 1927
3394	6.2	21 11.96	3.5708	0.0149	24 33 29.3	11.588	0.420	80.4	31 36 220	24 1931
3395	8.9	21 48.00	3.5268	0.0138	22 39 17.7	11.631	0.414	80.4	27 34 237	22 1937
3396	8.5[2]	8 22 13.26	+3.4863	−0.0128	+20 50 33.9	−11.661	−0.409	80.8	59 61 378	20 2095
3397	7.3	22 14.79	3.5738	0.0151	24 45 34.1	11.663	0.419	81.0	31 36 430	24 1934
3398	9.2	22 33.79	3.5303	0.0140	22 51 26.2	11.686	0.413	80.7	39 42 379	22 1939
3399	8.5	22 37.80	3.5210	0.0137	22 26 39.9	11.690	0.412	80.1	27 34	22 1941
3400	9.2	23 2.36	3.5338	0.0141	23 2 55.1	11.719	0.413	80.6	63 65 199 229	23 1965

[1] Röthlich [2] Z. 378 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3401	8.4	$8^h\ 23^m\ 4^s.62$	$+3^s.4946$	$-0^s.0131$	+21° 16′ 26″.6	−11″.722	−0″.408	80.7	67 69 195 232	21° 1853
3402	8.7	23 9.39	3.5207	0.0138	22 27 52.0	11.728	0.411	81.0	27 34 430	22 1942
3403	9.1	23 11.35	3.5335	0.0141	23 2 37.6	11.730	0.413	80.6	63 65 199 229	23 1966
3404	8.7	23 21.93	3.5526	0.0147	23 54 9.0	11.743	0.415	81.5	63 234 378 379	23 1967
3405	8.9	23 30.67	3.5075	0.0135	21 53 27.0	11.753	0.409	80.5	67 69 209	21 1854
3406	9.0	8 23 41.21	+3.4893	−0.0130	+21 3 59.7	−11.765	−0.407	80.2	59 61	21 1855
3407	8.9	23 50.77	3.5729	0.0152	24 49 45.4	11.777	0.417	80.7	71 234	24 1938
3408	5.5	24 6.88	3.5650	0.0151	24 30 4.2	11.796	0.415	80.1	31 36	24 1940
3409	9.3	24 7.12	3.5049	0.0135	21 48 36.7	11.796	0.408	81.1	195 209 232	21 1860
3410	8.5	24 42.17	3.5108	0.0137	22 7 4.4	11.837	0.408	80.1	39 42	22 1949
3411	8.5	8 24 51.47	+3.5651	−0.0152	+24 33 26.0	−11.848	−0.414	81.2	230 237	24 1942
3412	9.0	24 55.32	3.4647	0.0125	19 59 41.5	11.853	0.402	80.7	59 220	20 2104
3413	8.5	25 1.03	3.5561	0.0149	24 10 8.2	11.859	0.413	81.7	241 379	24 1943
3414	9.2	25 1.21	3.5615	0.0151	24 24 33.1	11.860	0.414	81.8	230 237 425	24 1944
3415	9.2	25 8.22	3.4643	0.0125	19 59 31.8	11.868	0.402	81.2	220 239	20 2106
3416	8.9	8 25 12.63	+3.5259	−0.0141	+22 49 59.7	−11.873	−0.409	80.1	39 42	22 1950
3417	8.5	25 26.44	3.4763	0.0129	20 34 8.6	11.889	0.403	81.7	241 379	20 2108
3418	**5.8**	**25 28.70**	**3.4826**	**0.0130**	**20 51 51.2**	**11.892**	**0.404**		**Fund. Cat.**	**20 2109**
3419	7.0	25 36.58	3.5628	0.0152	24 30 30.7	11.901	0.413	81.5	230 237 379[b]	24 1946
3420	8.9	25 51.29	3.5132	0.0139	22 17 55.2	11.919	0.407	80.1	39 42	22 1952
3421	9.3	8 26 3.55	+3.4649	−0.0126	+20 4 20.7	−11.933	−0.401	81.2	220 239	20 2111
3422	8.8	26 9.10	3.4806	0.0131	20 48 49.1	11.939	0.403	81.2	220 239	20 2112
3423	8.7	26 45.06	3.5726	0.0156	25 1 7.3	11.981	0.413	81.3	241 244	25 1951
3424	8.4	26 55.40	3.5583	0.0152	24 24 7.3	11.994	0.411	81.2	230 237	24 1950
3425	9.1	27 0.61	3.5255	0.0143	22 56 2.6	12.000	0.407	80.1	39 42	22 1955
3426	9.2	8 27 2.36	+3.5707	−0.0156	+24 57 13.8	−12.002	−0.412	81.8	234 370 379	25 1952
3427	8.7	27 22.14	3.5584	0.0153	24 26 15.3	12.025	0.410	81.5	230 237 378	24 1951
3428	7.8	27 22.50	3.5028	0.0137	21 55 11.5	12.025	0.404	80.5	67 69 244	21 1866
3429	8.8	27 29.76	3.4825	0.0132	20 59 17.4	12.034	0.401	81.2	209 234	21 1867
3430	8.7	27 34.79	3.5025	0.0138	21 55 13.0	12.040	0.403	80.8	67 69 379	21 1868
3431	9.3	8 27 49.81	+3.4842	−0.0133	+21 5 10.5	−12.057	−0.401	81.1	195 232 241	[21 1869]
3432	9.1	27 51.89	3.4599	0.0127	19 56 49.6	12.059	0.398	81.2	199 220 239	20 2117
3433	9.0	27 56.77	3.5287	0.0145	23 8 41.7	12.065	0.406	80.8	63 65 378	23 1974
3434	8.3	28 3.98	3.4819	0.0133	20 59 34.2	12.074	0.400	81.1	195 232	21 1871
3435	8.9	28 4.31	3.5642	0.0155	24 44 34.9	12.074	0.410	81.0	31 36 430	24 1952
3436	7.2	8 28 8.15	+3.4611	−0.0127	+20 1 5.6	−12.078	−0.398	80.2	59 61	20 2118
3437	9.2	28 25.54	3.5076	0.0140	22 12 40.1	12.099	0.403	80.1	27 34 39 42	22 1959
3438	8.8	28 29.08	3.4874	0.0135	21 16 35.8	12.103	0.400	80.8	71 234 239	21 1872
3439	8.6	28 29.97	3.4763	0.0132	20 45 34.1	12.104	0.399	80.6	67 69 209 218	20 2122
3440	8.4	28 33.43	3.4644	0.0129	20 12 1.6	12.108	0.398	80.2	59 61	20 2123
3441	7.2	8 28 39.13	+3.5574	−0.0154	+24 28 49.9	−12.114	−0.408	81.0	31 36 430	24 1955
3442	9.0	28 53.13	3.5438	0.0150	23 53 29.9	12.131	0.406	80.2	63 65	23 1977
3443	7.9	29 4.39	3.4758	0.0132	20 46 19.2	12.144	0.398	81.1	199 218 222	20 2125
3444	9.2	29 17.95	3.5068	0.0141	22 13 48.4	12.160	0.401	80.6	27 34 220 241	22 1961
3445	8.6	29 20.75	3.4936	0.0137	21 37 14.7	12.163	0.400	80.9	71 195 232	21 1875
3446	8.1	8 29 21.96	+3.5148	−0.0143	+22 36 17.6	−12.164	−0.402	80.1	39 42	22 1962
3447	9.2	29 25.30	3.5656	0.0157	24 54 6.3	12.168	0.408	81.2	209 237	24 1956
3448	9.3	29 27.63	3.5050	0.0140	22 9 39.4	12.171	0.401	80.9	5 Beob.[1]	22 1963
3449	8.6[2]	29 35.73	3.5381	0.0149	23 40 55.1	12.180	0.405	80.8	63 65 379	23 1978
3450	8.5	30 3.73	3.5096	0.0142	22 24 46.9	12.213	0.401	81.0	39 42 430	22 1965

[1] Z. 34 199 220 230 239 [2] Dupl. 1r med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3451	8.0	8h 30m 12s.78	+3s.4774	−0s.0134	+20° 55′ 11″.3	−12″.223	−0″.397	80.7	67 69 195 232	20° 2129
3452	8.7	30 21.81	3.4672	0.0131	20 26 50.1	12.233	0.395	80.7	71 239	20 2131
3453	8.2	30 25.76	3.4612	0.0129	20 10 0.0	12.238	0.395	80.2	59 61	20 2132
3454	8.4	30 30.02	3.4567	0.0128	19 57 8.3	12.243	0.394	80.2	59 61	20 2133
3455	9.3	30 35.34	3.5600	0.0157	24 44 22.8	12.249	0.406	81.8	229 237 425	24 1962
3456	9.1	8 30 49.44	+3.5457	−0.0153	+24 6 57.5	−12.265	−0.404	80.1	31 36	24 1963
3457	8.2	31 10.32	3.4703	0.0132	20 38 33.3	12.289	0.395	80.5	67 69 209	20 2136
3458	6.6	31 24.10	3.5451	0.0153	24 7 36.7	12.305	0.403	80.1	31 36	24 1968
3459	8.3	31 26.12	3.4653	0.0131	20 25 33.1	12.308	0.394	81.5	71 234 425	20 2138
3460	8.9	31 31.56	3.4899	0.0138	21 35 43.5	12.314	0.396	80.7	71 241	21 1878
3461	8.8	8 31 36.50	+3.4549	−0.0129	+19 56 14.9	−12.320	−0.392	81.1	59 61 430	20 2139
3462	8.5	31 39.00	3.5616	0.0158	24 53 14.4	12.322	0.404	80.7	31 237	24 1969
3463	8.9	31 47.79	3.4817	0.0136	21 13 32.0	12.333	0.395	81.4	71 232 430	21 1879
3464	8.2	31 51.83	3.4650	0.0132	20 26 12.6	12.337	0.393	80.5	67 69 220	20 2141
3465	9.0	31 51.85	3.4593	0.0130	20 9 43.3	12.337	0.392	81.2	199 218 239	20 2140
3466	9.0	8 31 53.25	+3.4674	−0.0132	+20 33 16.1	−12.339	−0.393	81.2	209 230 234	20 2142
3467	8.3	31 53.81	3.4818	0.0136	21 14 6.4	12.339	0.395	81.6	195 378	21 1880
3468	9.0	31 55.19	3.5249	0.0148	23 14 39.4	12.341	0.400	80.2	63 65	23 1985
3469	8.0	31 55.24	3.4582	0.0130	20 6 50.9	12.341	0.392	81.2	220 222 243	20 2143
3470	8.5	31 58.45	3.4564	0.0130	20 1 47.6	12.345	0.392	81.2	229 241	20 2144
3471	8.7	8 32 7.47	+3.4658	−0.0132	+20 29 27.6	−12.355	−0.393	81.7	239 379	[20 2145]
3472	8.8	32 13.12	3.5644	0.0160	25 3 28.4	12.362	0.404	81.7	237 379	25 1969
3473	8.9	32 21.20	3.4679	0.0133	20 36 26.1	12.371	0.393	81.2	234 244	20 2147
3474	8.0	32 30.94	3.4660	0.0133	20 31 29.7	12.382	0.392	80.5	67 69 230	20 2148
3475	7.6	32 31.63	3.4595	0.0131	20 13 1.8	12.383	0.392	81.2	229 243	20 2149
3476	6.6	8 32 40.29	+3.4544	−0.0130	+19 58 47.6	−12.393	−0.391	80.5	59 61 199	20 2150
3477	9.0[1]	32 41.31	3.4757	0.0135	20 59 58.0	12.394	0.393	81.2	71 378	21 1882
3478	7.4	32 46.09	3.4545	0.0130	19 59 31.8	12.400	0.391	81.2	220 239	20 2152
3479	8.7	32 46.43	3.4671	0.0133	20 35 51.2	12.400	0.392	81.2	209 234 241	20 2154
3480	8.0	32 47.39	3.4543	0.0130	19 58 50.2	12.401	0.391	81.2	220 239	20 2153
3481	9.0	8 32 47.44	+3.4645	−0.0132	+20 28 16.0	−12.401	−0.392	81.1	218	[20 2155]
3482	9.3	32 49.42	3.4666	0.0133	20 34 29.9	12.403	0.392	82.2	378 379	[20 2156]
3483	8.7	32 53.43	3.4860	0.0138	21 30 9.2	12.408	0.394	81.1	195 232	21 1883
3484	6.9	32 54.85	3.4638	0.0132	20 26 50.7	12.410	0.391	81.7	218 222 425	20 2158
3485	7.0	32 59.96	3.4629	0.0132	20 24 38.9	12.415	0.391	81.1	218 222	20 2159
3486	8.8	8 33 3.85	+3.4633	−0.0132	+20 26 3.4	−12.420	−0.391	81.5	222 230 379b	20 2161
3487	9.0	33 6.94	3.5372	0.0153	23 53 42.3	12.423	0.400	80.2	63 65	23 1988
3488	8.2	33 7.80	3.4536	0.0130	19 58 19.2	12.424	0.390	80.2	59 61	20 2163
3489	8.3	33 10.08	3.4568	0.0131	20 7 37.5	12.427	0.390	81.3 81.2	229δ 241 244	20 2165
3490	7.1	33 11.46	3.4564	0.0131	20 6 36.8	12.429	0.390	82.0 82.2	229α 244 378 425	20 2166
3491	7.9	8 33 12.40	+3.4598	−0.0132	+20 16 31.3	−12.430	−0.391	81.8	243 370 379	20 2168
3492	9.0	33 12.76	3.4869	0.0139	21 33 50.3	12.430	0.394	81.7	195 232 430	21 1885
3493	8.0	33 14.79	3.4670	0.0133	20 37 20.8	12.432	0.391	81.2	230 234	20 2169
3494	9.0	33 15.47	3.4567	0.0131	20 7 37.7	12.433	0.390	81.3	244	20 2170
3495	6.6	33 16.69	3.4537	0.0130	19 59 6.7	12.435	0.390	81.8	220 239 430	20 2171
3496	9.2	8 33 26.91	+3.4887	−0.0140	+21 39 57.1	−12.446	−0.394	80.7	71 237	21 1886
3497	6.8	33 32.46	3.4570	0.0131	20 9 37.5	12.453	0.390	80.5	67 69 244	20 2172
3498	8.4	33 40.38	3.4682	0.0134	20 42 28.5	12.462	0.391	81.7	230 378	20 2173
3499	8.6	33 45.76	3.4612	0.0132	20 22 35.5	12.468	0.390	81.2	199 243	20 2174
3500	7.2	33 45.98	3.4538	0.0130	20 1 18.7	12.468	0.389	80.8	61 239 241	20 2175

[1] Bor. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3501	8.9	8h 33m 59s.75	+3s.4587	−0s.0132	+20° 16′ 17″.8	−12″.484	−0″.389	81.1	218 222	20° 2177
3502	6.3	34 2.45	3.4721	0.0136	20 55 7.8	12.487	0.391	81.1	195 232	20 2178
3503	8.7	34 2.67	3.4606	0.0133	20 21 51.6	12.487	0.390	81.7	209 243 425	20 2179
3504	9.2	34 11.84	3.5099	0.0146	22 42 40.2	12.498	0.395	80.1	27 34 39 42	22 1975
3505	8.4	34 24.48	3.4547	0.0131	20 6 20.1	12.512	0.388	80.7	67 69 220 241	20 2182
3506	9.3	8 34 27.04	+3.4757	−0.0137	+21 6 55.9	−12.515	−0.391	81.4	71 237 430	21 1891
3507	9.1	34 31.96	3.4545	0.0131	20 6 13.9	12.520	0.388	82.2	370 378 379	20 2183
3508	8.4	34 36.63	3.5424	0.0156	24 14 30.9	12.526	0.398	80.1	31 36	24 1976
3509	8.9	34 37.04	3.5547	0.0160	24 48 3.6	12.526	0.399	80.1	31 36	24 1975
3510	7.4	34 39.18	3.4588	0.0133	20 19 4.2	12.529	0.388	81.7	199 243 425	20 2185
3511	8.6	8 34 41.49	+3.4646	−0.0134	+20 36 11.6	−12.531	−0.389	81.2	218 234	20 2186
3512	9.2	35 0.08	3.5238	0.0151	23 24 55.5	12.553	0.395	80.2	63 65	23 1992
3513	8.8	35 9.98	3.4645	0.0135	20 37 35.4	12.564	0.388	80.2	59 61 67 69	20 2191
3514	9.0	35 23.74	3.5047	0.0146	22 33 15.9	12.579	0.393	81.0	27 34 430	22 1976
3515	8.9	35 39.95	3.4771	0.0139	21 15 55.3	12.598	0.389	80.7	71 237	21 1894
3516	4.6	8 36 2.98	+3.4902	−0.0143	+21 54 59.1	−12.624	−0.390	80.1	39 42	21 1895
3517	8.0	36 4.45	3.4720	0.0138	21 2 50.9	12.626	0.388	81.1	195 232	21 1896
3518	8.8	36 5.85	3.5443	0.0158	24 26 29.8	12.627	0.396	81.7	230 378	24 1982
3519	8.4	36 27.61	3.5160	0.0150	23 9 41.9	12.652	0.392	80.2	63 65	23 1995
3520	9.4	36 39.01	3.4832	0.0141	21 37 33.9	12.665	0.388	80.7	71 237	21 1898
3521	8.0	8 37 6.02	+3.4763	−0.0140	+21 19 37.3	−12.695	−0.387	81.1	195 232	21 1899
3522	9.1	37 16.56	3.4572	0.0134	20 24 49.7	12.707	0.385	81.2	209 220 234	20 2199
3523	9.1	37 35.42	3.4553	0.0134	20 20 41.3	12.728	0.384	81.2	209 220 234	20 2202
3524	8.5	37 39.11	3.4960	0.0146	22 18 27.0	12.733	0.388	81.8	239 370 379	22 1983
3525	9.3	38 1.52	3.4775	0.0141	21 26 57.4	12.758	0.386	80.7	71 237	21 1902
3526	9.1	8 38 15.69	+3.4529	−0.0134	+20 16 21.0	−12.774	−0.383	81.1	218 222	20 2205
3527	8.6	38 16.64	3.4647	0.0137	20 50 51.3	12.775	0.384	81.7	244 378	20 2206
3528	9.3	38 18.40	3.4687	0.0139	21 2 32.7	12.777	0.384	81.5	71 239 425	21 1904
3529	7.6	38 38.88	3.4566	0.0136	20 28 37.0	12.800	0.383	81.8	241 370 379	20 2207
3530	9.2	38 55.94	3.5368	0.0159	24 18 47.5	12.819	0.391	82.6	378 425	24 1985
3531	8.4	8 39 5.71	+3.4496	−0.0134	+20 9 47.6	−12.830	−0.381	81.6	67 425	20 2209
3532	7.2	39 8.07	3.4681	0.0139	21 4 16.6	12.833	0.383	80.7	71 239	21 1909
3533	8.2	39 9.62	3.4639	0.0138	20 52 2.7	12.834	0.383	81.3	241 244	20 2210
3534	8.3	39 12.46	3.5041	0.0150	22 48 23.4	12.837	0.387	80.2	63 65	22 1988
3535	8.5	39 20.72	3.4889	0.0145	22 5 21.0	12.847	0.385	81.2	230 239	22 1989
3536	9.1	8 39 34.83	+3.4886	−0.0146	+22 5 29.8	−12.862	−0.385	81.2	230 239	22 1990
3537	8.8	39 38.27	3.4514	0.0135	20 17 23.9	12.866	0.381	81.1	67 69 430	20 2212
3538	9.0	39 38.83	3.4611	0.0138	20 45 55.6	12.867	0.382	81.3	241 244	20 2213
3539	8.1	40 0.10	3.4860	0.0145	21 59 56.0	12.891	0.384	81.2	71 378	22 1991
3540	8.1	40 16.43	3.4523	0.0136	20 22 40.6	12.909	0.380	81.1	218 222	20 2216
3541	9.0	8 40 17.63	+3.5181	−0.0155	+23 32 49.2	−12.910	−0.387	80.2	63 65	23 1999
3542	9.0	40 20.59	3.5380	0.0161	24 28 49.1	12.914	0.389	81.3	237 247	24 1990
3543	9.0	40 26.92	3.4495	0.0135	20 15 7.3	12.921	0.379	81.1	67 69 370 379	20 2217
3544	9.3	40 34.65	3.4868	0.0146	22 4 48.0	12.929	0.383	81.2	230 239	22 1992
3545	9.1	40 40.63	3.4829	0.0145	21 54 1.1	12.936	0.383	81.5	220 243 378	21 1912
3546	9.0	8 41 3.23	+3.4463	−0.0135	+20 8 0.5	−12.961	−0.378	80.2	59 61	20 2219
3547	8.8	41 10.04	3.5236	0.0158	23 52 22.0	12.969	0.386	80.2	63 65	23 2000
3548	8.8	41 12.21	3.4668	0.0141	21 9 21.4	12.971	0.380	81.1	218 222	21 1914
3549	8.8	41 14.37	3.5387	0.0162	24 35 16.3	12.974	0.388	81.2	230 237	24 1992
3550	9.3	41 29.33	3.4841	0.0146	22 1 6.0	12.990	0.382	80.7	71 243	22 1996

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3551	8.3	$8^h\ 41^m\ 30^s.20$	$+3^s.4591$	$-0^s.0139$	+20° 47′ 48″.8	−12″.991	−0″.379	80.5	67 69 220	20° 2222
3552	9.1	41 38.18	3.4973	0.0150	22 39 44.2	13.000	0.383	80.5	5 Beob.[1]	22 1997
3553	9.0	41 42.58	3.4981	0.0151	22 42 20.1	13.005	0.383	80.7	56 73 244	22 1998
3554	8.7	41 53.57	3.4905	0.0148	22 21 10.8	13.017	0.382	81.2	230 239 247	22 1999
3555	9.0	42 22.73	3.4613	0.0140	20 58 10.7	13.049	0.378	80.7	67 69 218 222	21 1917
3556	9.1	8 42 24.91	+3.4757	−0.0145	+21 40 29.3	−13.052	−0.379	81.4	71 239 370 379	21 1918
3557	8.7	42 33.34	3.4699	0.0143	21 24 14.6	13.061	0.378	81.2	220 243	21 1920
3558	8.8[2]	42 52.67	3.5457	0.0166	25 2 38.7	13.082	0.386	81.2	230 237	25 1997
3559	8.8[3]	43 9.47	3.5143	0.0157	23 35 37.4	13.101	0.382	80.5	63 65 244	23 2004
3560	9.2	43 10.02	3.4571	0.0140	20 49 3.3	13.102	0.376	80.2	59 61	20 2224
3561	9.1	8 43 54.22	+3.4943	−0.0152	+22 41 29.6	−13.150	−0.379	80.6	56 73 220	22 2004
3562	8.6	44 0.55	3.4551	0.0140	20 46 43.0	13.157	0.375	80.2	59 61	20 2228
3563	9.1	44 8.32	3.5326	0.0164	24 32 15.2	13.166	0.383	81.2	230 237	24 1997
3564	8.3	44 10.13	3.4704	0.0145	21 32 46.8	13.168	0.376	80.5	67 69 220	21 1926
3565	8.6	44 22.61	3.4629	0.0143	21 11 32.8	13.182	0.375	80.7	6 Beob.[4]	21 1927
3566	9.2	8 44 28.23	+3.4624	−0.0142	+21 10 24.5	−13.188	−0.375	81.3	71 218 378	21 1928
3567	8.7	44 48.10	3.4884	0.0151	22 28 29.3	13.210	0.377	80.3	56 73 77	22 2006
3568	8.5	44 48.78	3.5365	0.0166	24 46 33.8	13.210	0.382	81.4	71 237 370 379	24 1999
3569	8.2	44 52.33	3.4437	0.0137	20 16 28.1	13.214	0.372	80.8	59 61 378	20 2229
3570	9.0	44 53.94	3.5240	0.0162	24 11 41.6	13.216	0.381	80.2	63 65	24 2000
3571	9.0	8 44 54.38	+3.5292	−0.0163	+24 26 21.8	−13.217	−0.381	81.7	239 241 379	[24 2001]
3572	8.9	45 2.55	3.5287	0.0163	24 25 37.0	13.225	0.381	81.6	230 241 370 379	24 2002
3573	9.1	45 20.10	3.4954	0.0153	22 51 24.0	13.245	0.377	80.7	71 243	22 2009
3574	9.1	45 35.50	3.4871	0.0151	22 28 31.3	13.262	0.376	80.6	56 73 220	22 2010
3575	9.0	45 41.48	3.5137	0.0159	23 45 51.9	13.268	0.379	81.0	63 65 370 379	23 2008
3576	8.7	8 45 52.52	+3.5016	−0.0156	+23 12 0.2	−13.280	−0.377	80.5	65 71 244	23 2009
3577	8.8	46 36.08	3.5288	0.0165	24 33 48.3	13.328	0.379	81.5	230 237 378	24 2006
3578	9.0	46 38.48	3.5009	0.0156	23 13 35.1	13.330	0.376	80.2	63 65	23 2011
3579	8.9	46 42.83	3.4808	0.0150	22 15 11.4	13.335	0.373	80.3	56 73 77	22 2012
3580	6.9	46 46.16	3.4443	0.0139	20 26 17.6	13.339	0.369	80.2	59 61	20 2232
3581	8.6	8 46 48.23	+3.4913	−0.0154	+22 46 32.3	−13.341	−0.374	80.7	71 243	22 2013
3582	8.4	46 50.95	3.4494	0.0141	20 42 6.4	13.344	0.370	80.5	67 69 230	20 2233
3583	8.1	47 4.87	3.4891	0.0153	22 41 24.7	13.359	0.374	81.2	220 237	22 2014
3584	8.4	47 6.31	3.4361	0.0137	20 2 52.7	13.361	0.368	80.5	59 61 247	20 2234
3585	8.4	47 10.87	3.4560	0.0143	21 3 29.6	13.366	0.370	80.7	67 69 218 222	21 1939
3586	8.9	8 47 11.40	+3.5054	−0.0158	+23 29 14.0	−13.366	−0.375	81.2	220 239 241	23 2012
3587	8.3	47 18.18	3.4807	0.0151	22 17 37.1	13.374	0.373	80.8	77 243	22 2015
3588	8.8	47 36.21	3.4409	0.0139	20 19 49.1	13.393	0.368	80.8	59 61 378	20 2236
3589	9.4	47 39.92	3.5259	0.0165	24 30 41.4	13.397	0.377	81.6	239 244 247 425	24 2009
3590	9.3	47 42.93	3.5260	0.0166	24 31 14.5	13.400	0.377	80.7	71 237	— —
3591	9.2	8 47 43.36	+3.4798	−0.0151	+22 16 59.7	−13.401	−0.372	80.7	56 73 220 244	22 2016
3592	8.9	48 0.15	3.4405	0.0139	20 20 22.6	13.419	0.367	80.7	67 69 218 222	20 2237
3593	8.8	48 30.60	3.4426	0.0140	20 28 48.5	13.452	0.367	80.5	67 69 230	20 2241
3594	8.3	48 46.03	3.4758	0.0151	22 10 5.9	13.469	0.370	80.3	56 73 77	22 2021
3595	8.4	48 47.35	3.5039	0.0160	23 32 50.8	13.470	0.373	80.2	63 65	23 2015
3596	6.9	8 48 52.45	+3.5324	−0.0169	+24 55 33.6	−13.476	−0.376	81.4	71 237 370 379	25 2013
3597	8.8	48 52.58	3.4735	0.0150	22 3 38.0	13.476	0.369	81.2	220 243	22 2022
3598	8.6	49 6.52	3.5215	0.0166	24 25 32.0	13.491	0.374	80.2	63 65	24 2015
3599	8.9	49 10.05	3.4786	0.0152	22 20 9.8	13.495	0.369	81.2	230 239	22 2025
3600	var.[5]	49 31.65	3.4381	0.0140	20 19 33.9	13.518	0.365	80.2	59 61	20 2243

[1] Z. 56 63 65 73 244 [2] Z. 237 dupl.? [3] Dupl. 2ʳ med. [4] Z. 67 69 71 218 222 243 [5] T Cancri, 8.4 8.3, roth

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3601	9.1	$8^h\ 49^m\ 35^s.83$	$+3^s.4785$	$-0^s.0152$	$+22°\ 21'\ 54''.4$	$-13''.522$	$-0''.369$	80.7	73 230	22° 2027
3602	8.2	49 47.66	3.4446	0.0142	20 40 40.7	13.535	0.365	80.9	71 218 222 241	20 2244
3603	7.3	49 51.74	3.4775	0.0152	22 20 18.8	13.540	0.368	81.1	56 77 370 379	22 2029
3604	8.7	50 6.92	3.4621	0.0148	21 35 20.1	13.556	0.366	81.3	243 244	21 1945
3605	9.2	50 9.93	3.4379	0.0140	20 22 2.0	13.559	0.364	81.6	239 247 379^b	20 2246
3606	8.5	8 50 14.26	+3.4667	−0.0149	+21 49 47.1	−13.564	−0.367	81.7	220 378	21 1946
3607	9.0	50 28.49	3.5305	0.0170	24 58 31.7	13.579	0.373	81.2	230 237	25 2016
3608	9.4	50 34.14	3.4313	0.0138	20 3 19.7	13.585	0.362	81.7	218 222 425	20 2247
3609	9.0	50 38.08	3.4488	0.0144	20 57 22.2	13.589	0.364	81.1	218 222	21 1947
3610	8.6	50 38.64	3.4991	0.0160	23 28 3.2	13.590	0.369	81.3	241 244	23 2023
3611	8.6	8 50 39.06	+3.4557	−0.0146	+21 18 24.7	−13.590	−0.365	81.8	239 370 379	21 1948
3612	9.4	50 41.54	3.4296	0.0138	19 58 50.4	13.593	0.362	81.8	247 379^b	20 2248
3613	8.5	50 47.84	3.5217	0.0168	24 34 44.2	13.600	0.372	81.8	247 378	24 2019
3614	9.1	51 13.39	3.5233	0.0169	24 41 39.7	13.627	0.371	81.2	237 244	24 2021
3615	8.9	51 22.73	3.4492	0.0145	21 2 0.8	13.637	0.363	81.7	220 378	21 1949
3616	7.5	8 51 27.18	+3.5178	−0.0167	+24 26 53.2	−13.642	−0.370	81.2	230 237	24 2022
3617	8.0	51 45.04	3.4607	0.0149	21 38 59.4	13.661	0.364	81.7	220 378	21 1952
3618	8.8	51 47.51	3.4921	0.0159	23 13 17.3	13.664	0.367	81.3	241 244	23 2026
3619	8.3	51 53.26	3.4931	0.0159	23 16 51.9	13.670	0.367	81.3	241 244	23 2027
3620	8.9	52 48.67	3.5238	0.0170	24 51 32.3	13.729	0.369	81.0	71 237 244	24 2023
3621	9.2	8 52 50.57	+3.4503	−0.0146	+21 12 23.1	−13.731	−0.361	81.5	218 222 378	21 1955
3622	8.2	53 6.39	3.5258	0.0171	24 58 55.8	13.748	0.368	81.2	230 239	25 2024
3623	9.1	53 13.33	3.5080	0.0166	24 7 39.5	13.755	0.366	81.2	220 237	24 2025
3624	8.3	53 15.52	3.4842	0.0158	22 57 14.1	13.757	0.364	80.3	56 73 77	23 2029
3625	8.5	53 17.92	3.4894	0.0159	23 12 50.1	13.760	0.364	80.2	63 65	23 2030
3626	8.6	8 53 18.79	+3.4501	−0.0147	+21 14 4.2	−13.761	−0.360	81.2	218 222 241	21 1956
3627	8.7	53 31.50	3.5104	0.0167	24 16 16.2	13.774	0.366	80.9	71 230 239	24 2026
3628	8.8	53 33.45	3.4638	0.0151	21 57 3.8	13.776	0.361	81.2	209 243	22 2037
3629	8.8	53 39.66	3.4901	0.0160	23 17 0.2	13.783	0.364	81.0	63 65 370 379	23 2031
3630	9.1	54 48.18	3.4398	0.0145	20 49 24.8	13.855	0.357	80.5	59 61 239	20 2256
3631	8.9	8 55 6.60	+3.4521	−0.0149	+21 28 50.5	−13.875	−0.358	81.2	209 243	21 1961
3632	5.6	55 25.64	3.5206	0.0172	24 56 35.9	13.895	0.364	81.5	71 237 378 379	25 2029
3633	9.0	55 28.86	3.4348	0.0144	20 36 54.1	13.898	0.355	80.5	59 61 209	20 2258
3634	8.2	55 33.76	3.4617	0.0153	22 0 33.7	13.903	0.358	80.3	56 73 77	22 2039
3635	8.1	55 37.93	3.4761	0.0157	22 44 59.2	13.908	0.359	80.3	56 73 77	22 2041
3636	8.2	8 56 10.31	+3.4822	−0.0160	+23 6 12.0	−13.942	−0.359	80.2	63 65	23 2035
3637	8.3	56 26.53	3.4416	0.0147	21 2 48.0	13.959	0.354	80.7	71 237	21 1965
3638	8.2	56 36.17	3.4320	0.0144	20 33 24.7	13.969	0.353	80.8	59 61 379	20 2260
3639	9.1	56 51.17	3.4486	0.0149	21 26 31.1	13.984	0.354	80.9	71 220 237	21 1966
3640	7.2	57 46.95	3.4838	0.0162	23 19 23.7	14.043	0.357	80.5	63 65 247	23 2040
3641	9.2	8 58 6.46	+3.4583	−0.0154	+22 2 55.4	−14.063	−0.354	80.3	56 73 77	22 2048
3642	8.3	58 17.74	3.4874	0.0164	23 33 7.9	14.075	0.356	80.5	63 65 247	23 2041
3643	9.2	58 24.57	3.4580	0.0154	22 3 45.5	14.082	0.353	80.3	56 73 77	22 2049
3644	8.5	58 43.30	3.4477	0.0151	21 33 7.4	14.101	0.351	80.9	71 209 222	21 1968
3645	8.3	58 49.60	3.5001	0.0169	24 14 21.0	14.108	0.357	81.5	71 237 378 379	24 2038
3646	8.8	8 58 52.58	+3.4943	−0.0167	+23 57 22.3	−14.111	−0.356	80.7	63 65 239 241	24 2039
3647	8.0	59 25.11	3.4288	0.0145	20 37 4.0	14.144	0.348	80.5	59 61 247	20 2265
3648	8.7	59 25.78	3.5119	0.0174	24 53 17.3	14.145	0.357	81.5	71 237 378 379	24 2040
3649	9.1	59 26.51	3.4650	0.0157	22 30 45.6	14.146	0.352	80.3	56 73 77	22 2050
3650	8.2	59 35.37	3.4361	0.0148	21 0 53.5	14.155	0.349	80.2	59 61	21 1969

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3651	8.4	8h 59m 41s.47	+3s.4721	−0s.0160	+22° 54′ 6″.1	−14″.161	−0″.352	81.2	209 243	22° 2051
3652	8.2	59 48.26	3.4901	0.0166	23 49 36.2	14.168	0.354	80.2	63 65	23 2045
3653	8.9	59 56.91	3.4371	0.0148	21 5 54.7	14.177	0.348	80.2	59 61	21 1971
3654	8.2	9 0 4.38	3.4807	0.0163	23 22 29.6	14.185	0.353	81.2	209 237	23 2047
3655	9.0	0 5.71	3.4625	0.0157	22 26 16.0	14.186	0.351	80.3	56 73 77	22 2052
3656	7.8	9 0 14.17	+3.4825	−0.0164	+23 28 45.3	−14.195	−0.353	81.5	220 243 379	} 23 2048
3657	7.5	0 14.38	3.4825	0.0164	23 28 52.5	14.195	0.353	81.5	220 243 379	
3658	8.8	0 22.55	3.4561	0.0155	22 7 48.9	14.204	0.350	80.8	71 239 241	22 2055
3659	8.6	0 34.41	3.4439	0.0151	21 30 39.5	14.216	0.348	81.1	218 222	21 1973
3660	8.1	0 41.57	3.4715	0.0161	22 57 25.7	14.223	0.351	80.5	63 65 247	23 2049
3661	8.9	9 0 46.77	+3.4414	−0.0151	+21 23 55.3	−14.229	−0.348	81.1	209 218 222	21 1974
3662	9.3	0 53.29	3.4991	0.0171	24 22 57.2	14.235	0.353	81.5	220 230 237 378	} 24 2041
3663	9.2	0 53.72	3.4990	0.0171	24 22 51.4	14.236	0.353	81.4	5 Beob.[1]	
3664	8.7	1 9.58	3.4886	0.0167	23 52 46.3	14.252	0.352	81.0	71 230 243	23 2050
3665	8.8	1 13.77	3.4795	0.0164	23 25 10.6	14.256	0.351	80.2	63 65	23 2051
3666	9.0	9 1 29.40	+3.4496	−0.0154	+21 53 17.9	−14.272	−0.347	81.5	220 243 379	21 1978
3667	8.8	1 45.88	3.4162	0.0143	20 8 18.1	14.289	0.343	80.5	59 61 244	20 2273
3668	9.0	1 57.26	3.4231	0.0145	20 31 28.9	14.301	0.344	81.1	209 218 222	20 2274
3669	8.8	1 59.64	3.4896	0.0169	24 0 34.2	14.303	0.351	81.1	71 237 378	24 2043
3670	8.6	2 9.06	3.4642	0.0160	22 42 52.5	14.313	0.348	80.3	56 73 77	22 2060
3671	4.9	9 2 10.19	+3.4611	−0.0159	+22 32 58.9	−14.314	−0.347	80.3	56 73 77	22 2061
3672	9.1	2 30.28	3.4201	0.0145	20 24 32.3	14.335	0.343	80.5	59 61 244	20 2275
3673	7.9	2 45.39	3.4722	0.0163	23 11 0.7	14.350	0.348	80.5	63 65 247	23 2055
3674	9.2	3 6.20	3.4393	0.0152	21 29 10.6	14.371	0.344	81.1	222	[21 1982]
3675	6.2	3 9.85	3.4584	0.0159	22 30 9.4	14.375	0.345	80.3	56 73 77	22 2063
3676	7.8	9 3 19.77	+3.4520	−0.0157	+22 10 41.2	−14.385	−0.345	80.6	73 77 247	22 2065
3677	8.8	4 10.89	3.4780	0.0167	23 37 6.6	14.437	0.346	80.5	63 65 244	23 2059
3678	8.8	4 38.13	3.4873	0.0170	24 8 26.7	14.464	0.346	80.7	71 237	24 2049
3679	8.7	4 38.39	3.4266	0.0149	20 56 13.6	14.465	0.340	81.4	71 244 378	21 1987
3680	8.7	4 39.06	3.4252	0.0148	20 51 48.7	14.465	0.340	80.8	59 61 379	20 2282
3681	9.0	9 5 1.73	+3.4706	−0.0165	+23 18 48.1	−14.488	−0.344	80.7	63 65 230 239	23 2060
3682	8.5	5 35.35	3.4296	0.0151	21 11 15.1	14.522	0.339	80.7	71 243	21 1988
3683	9.0	5 45.43	3.4173	0.0147	20 32 4.2	14.532	0.337	81.2	5 Beob.[2]	20 2287
3684	9.2	5 46.46	3.4178	0.0147	20 33 35.6	14.533	0.337	81.2	59 61 378 379	20 2288
3685	9.2	6 15.54	3.4347	0.0153	21 31 15.5	14.562	0.338	81.1	218 222	21 1989
3686	9.0	9 6 17.36	+3.4328	−0.0153	+21 25 17.0	−14.564	−0.338	80.7	71 243	21 1990
3687	7.7	6 17.59	3.4970	0.0176	24 48 23.1	14.564	0.344	81.5	209 237 379	24 2054
3688	9.1[3]	6 19.98	3.4924	0.0174	24 34 15.7	14.567	0.344	81.2	5 Beob.[4]	24 2053
3689	7.0	6 28.74	3.4395	0.0155	21 47 48.0	14.576	0.338	80.7	56 73 77 378	21 1991
3690	9.1	6 36.69	3.4956	0.0176	24 45 57.1	14.584	0.344	81.2	209 239	24 2055
3691	8.7	9 7 28.92	+3.4945	−0.0176	+24 47 41.1	−14.636	−0.342	81.2	209 237	24 2059
3692	7.9	7 41.07	3.4642	0.0165	23 13 43.2	14.648	0.339	80.8	63 65 379	23 2062
3693	9.1	7 47.95	3.4909	0.0175	24 38 38.6	14.655	0.341	81.2	220 243	24 2061
3694	7.8	7 57.37	3.4763	0.0170	23 53 49.7	14.664	0.339	80.8	63 65 378	23 2063
3695	9.1	8 1.50	3.4762	0.0170	23 53 55.5	14.668	0.339	80.8	63 65 378	23 2065
3696	8.8	9 8 8.91	+3.4834	−0.0173	+24 17 14.2	−14.676	−0.340	80.7	71 239	24 2063
3697	9.3	8 9.06	3.4873	0.0174	24 29 30.1	14.676	0.340	80.7	71 237	24 2062
3698	8.7	8 13.16	3.4319	0.0154	21 32 49.6	14.680	0.335	81.2	218 222 247	21 1995
3699	8.2	8 15.09	3.4649	0.0166	23 19 32.4	14.682	0.338	81.2	220 243	23 2067
3700	8.7	8 36.21	3.4970	0.0178	25 2 29.3	14.703	0.340	81.2	209 239	25 2069

[1] Z. 230 237 239 244 378 [2] Z. 59 61 244 378 379 [3] Dupl. 4″-5″ maj. austr. [4] Z. 209 220 237 239 247



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3701	8.6	9^h 8^m $51^s.20$	$+3^s.4354$	$-0^s.0156$	+21° 47′ 54″.3	−14″.718	−0″.334	80.3	56 73 77	21° 1997
3702	8.6	8 58.88	3.4132	0.0148	20 35 30.0	14.725	0.332	80.2	59 61	20 2293
3703	7.6	8 58.93	3.4749	0.0170	23 55 24.0	14.725	0.338	80.8	63 65 379	24 2065
3704	9.0	9 0.97	3.4091	0.0147	20 22 6.2	14.727	0.331	80.2	59 61	20 2294
3705	9.0	9 24.51	3.4305	0.0154	21 34 44.3	14.751	0.333	81.1	218 222	21 1999
3706	8.4	9 9 28.21	+3.4647	−0.0167	+23 25 52.2	−14.754	−0.336	80.7	71 243	23 2068
3707	9.2	9 29.33	3.4303	0.0155	21 34 33.2	14.755	0.332	81.1	218 222	21 2000
3708	8.4	9 33.15	3.4223	0.0152	21 8 34.1	14.759	0.332	81.1	218 220 222	21 2001
3709	9.0	9 33.77	3.4261	0.0153	21 21 22.2	14.760	0.332	81.2	220 243	21 2002
3710	7.6	10 6.35	3.4775	0.0173	24 10 32.3	14.792	0.336	80.7	71 237	} 24 2068
3711	8.3	9 10 6.47	+3.4775	−0.0173	+24 10 37.9	−14.792	−0.336	81.2	209 237	
3712	9.0	10 33.08	3.4075	0.0147	20 24 41.0	14.818	0.328	80.2	59 61	20 2300
3713	6.5	10 34.14	3.4658	0.0169	23 36 2.5	14.819	0.334	81.2	230 237	23 2072
3714	8.6	10 41.02	3.4415	0.0160	22 18 12.5	14.826	0.332	80.3	56 73 77	22 2072
3715	9.2	11 2.19	3.4342	0.0157	21 56 6.3	14.847	0.330	81.2	71 239 379	22 2073
3716	8.8	9 11 28.82	+3.4361	−0.0158	+22 4 49.7	−14.873	−0.330	81.7	243 244 378 379	22 2074
3717	8.4	11 29.74	3.4226	0.0153	21 20 19.2	14.874	0.328	81.2	220 241	21 2009
3718	8.9	11 39.96	3.3974	0.0145	19 56 44.0	14.884	0.326	81.2	220 243	20 2302
3719	8.4	11 43.26	3.4606	0.0168	23 26 11.9	14.887	0.332	81.2	230 241	23 2074
3720	8.9	12 5.63	3.4878	0.0179	24 55 42.8	14.909	0.334	81.3	237 247	25 2080
3721	9.1	9 12 22.94	+3.4845	−0.0178	+24 46 57.6	−14.926	−0.333	81.3	241 247	24 2070
3722	8.0	12 33.72	3.4160	0.0152	21 4 20.9	14.936	0.326	81.8	243 379	21 2014
3723	8.0	12 34.64	3.4872	0.0179	24 56 41.1	14.937	0.333	81.3	237 247	25 2083
3724	9.2	13 9.12	3.4460	0.0164	22 47 14.6	14.970	0.328	80.3	56 73 77	22 2077
3725	8.6	13 25.19	3.4124	0.0151	20 57 10.9	14.986	0.324	81.8	243 379	21 2017
3726	8.4	9 13 30.52	+3.4525	−0.0166	+23 10 43.5	−14.991	−0.328	80.3	79 82	23 2078
3727	8.7	13 41.00	3.4344	0.0160	22 12 5.0	15.001	0.326	81.3	243 247	22 2078
3728	8.6	14 10.80	3.4556	0.0168	23 25 11.5	15.030	0.327	81.5	230 237 379	23 2079
3729	8.6	14 19.81	3.3936	0.0145	19 58 11.4	15.039	0.321	81.1	218 222	20 2305
3730	9.1	14 25.64	3.3983	0.0147	20 14 42.2	15.044	0.321	81.1	218 222	20 2306
3731	8.3	9 14 28.22	+3.4528	−0.0167	+23 17 51.1	−15.047	−0.326	80.3	79 82	23 2080
3732	9.1	14 35.56	3.4379	0.0162	22 29 21.3	15.054	0.325	80.3	56 73 77	22 2080
3733	8.0	14 51.93	3.4291	0.0159	22 1 43.9	15.070	0.323	81.2	220 243	22 2082
3734	9.2	15 18.11	3.4198	0.0156	21 32 45.2	15.095	0.322	81.5	217 225 379	21 2018
3735	9.0	15 34.06	3.4607	0.0172	23 50 40.4	15.110	0.325	80.8	79 237 241	23 2089
3736	9.5	9 15 49.42	+3.3925	−0.0146	+20 2 38.0	−15.125	−0.318	81.4	5 Beob.[1]	20 2311
3737	9.0	15 58.61	3.4418	0.0165	22 50 37.8	15.134	0.323	80.3	56 73 77	22 2086
3738	9.0[2]	16 10.58	3.4390	0.0164	22 42 42.6	15.145	0.322	80.3	56 73 77	22 2087
3739	9.1	16 16.06	3.4233	0.0158	21 50 31.5	15.150	0.321	81.5	217 225 379	21 2021
3740	8.6	16 21.00	3.4778	0.0179	24 51 5.5	15.155	0.326	81.2	220 237	24 2077
3741	9.1	9 16 31.35	+3.4501	−0.0169	+23 21 34.4	−15.165	−0.323	80.6	79 82 247	23 2090
3742	8.0	16 43.90	3.4059	0.0152	20 53 48.5	15.177	0.318	81.2	217 225	20 2314
3743	8.1	17 1.17	3.4790	0.0180	24 59 25.2	15.193	0.325	81.2	220 237	25 2089
3744	8.4	17 4.34	3.3900	0.0146	20 0 51.1	15.197	0.316	81.5	218 222 379	20 2315
3745	7.2	17 6.88	3.4627	0.0174	24 6 51.4	15.199	0.323	81.2	230 243	24 2080
3746	8.8	9 17 10.61	+3.3967	−0.0149	+20 24 31.4	−15.202	−0.317	81.1	218 222	20 2317
3747	6.3	17 43.06	3.3943	0.0148	20 19 33.2	15.233	0.315	81.4	218 222 247 378	20 2318
3748	8.1	17 52.13	3.4471	0.0169	23 20 10.2	15.242	0.320	80.3	79 82	23 2092
3749	9.2	17 59.32	3.4505	0.0170	23 32 16.9	15.249	0.320	81.3	230 243 247	23 2093
3750	9.2	18 12.74	3.4774	0.0181	25 2 12.1	15.261	0.322	81.2	220 230 237	25 2094

[1] Z. 218 222 230 247 378 [2] Dupl. 1″ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3751	8.9	9h 18m 17s.27	+3s.4427	−0s.0167	+23° 8' 6".1	−15".266	−0".319	81.2	217 225	23° 2094
3752	8.8	18 29.40	3.4429	0.0168	23 10 9.8	15.277	0.319	81.3	79 82 378 379	23 2095
3753	9.5	18 34.07	3.4032	0.0152	20 55 6.5	15.282	0.315	81.2	241	— —
3754	9.2	18 36.80	3.4029	0.0152	20 54 23.6	15.284	0.315	81.3	241 244	20 2320
3755	8.6	18 41.07	3.4030	0.0152	20 55 9.6	15.288	0.315	81.3	241 243 244	21 2028
3756	9.3	9 18 45.28	+3.4339	−0.0164	+22 41 30.7	−15.292	−0.317	80.2	56	— —
3757	8.7	18 59.16	3.4419	0.0168	23 10 59.1	15.305	0.318	80.9	79 82 379	23 2096
3758	9.0	19 10.96	3.4418	0.0168	23 10 57.3	15.316	0.317	81.2	217 225	23 2097
3759	9.0	19 21.44	3.4030	0.0153	20 59 14.5	15.326	0.313	81.2	218 222 230	21 2030
3760	8.5	20 35.54	3.4515	0.0173	23 52 41.3	15.396	0.316	81.5	217 225 379	23 2099
3761	9.2	9 20 37.66	+3.4425	−0.0170	+23 22 34.4	−15.398	−0.315	80.6	79 82 243	23 2100
3762	8.5	20 37.88	3.4452	0.0171	23 31 40.2	15.398	0.315	81.0	79 237 247	23 2101
3763	8.6	20 53.19	3.4500	0.0173	23 49 37.5	15.412	0.315	81.5	217 225 378	23 2102
3764	8.6	20 54.38	3.3897	0.0149	20 21 55.3	15.413	0.310	81.1	218 222	20 2323
3765	9.1	21 19.59	3.4460	0.0172	23 39 2.4	15.437	0.314	80.6	79 82 230	23 2103
3766	8.9[1]	9 21 32.85	+3.4580	−0.0177	+24 20 53.9	−15.449	−0.315	81.2	220 237	24 2089
3767	9.0	21 43.95	3.4035	0.0155	21 15 13.1	15.459	0.310	81.2	220 243	21 2033
3768	8.5	22 18.72	3.4060	0.0157	21 27 32.0	15.492	0.309	81.5	217 225 379	21 2036
3769	8.7	22 28.36	3.3925	0.0151	20 40 54.2	15.501	0.307	81.1	218 222	20 2325
3770	9.0	22 58.75	3.3803	0.0147	20 0 29.1	15.529	0.305	81.5	218 222 378	20 2326
3771	8.7	9 23 15.20	+3.4157	−0.0161	+22 7 42.3	−15.544	−0.308	80.3	56 73 77	22 2098
3772	7.0	23 17.89	3.4196	0.0163	22 21 34.5	15.546	0.308	80.3	56 73 77	22 2100
3773	8.6	23 42.46	3.4056	0.0158	21 35 0.3	15.569	0.306	81.2	217 225 244	21 2041
3774	9.2	23 45.73	3.3974	0.0154	21 6 11.4	15.572	0.306	81.7	220 243 378 379	21 2043
3775	8.7	23 55.04	3.4096	0.0159	21 50 20.3	15.581	0.306	81.2	220 243	21 2044
3776	9.0	9 24 1.56	+3.4424	−0.0173	+23 45 2.0	−15.586	−0.309	81.0	79 237 244	23 2105
3777	9.1	24 2.93	3.3786	0.0147	20 0 33.3	15.588	0.303	81.5	218 222 379	20 2328
3778	9.0	24 6.45	3.3878	0.0151	20 34 10.7	15.591	0.304	81.2	230 241	20 2330
3779	8.7	24 18.76	3.4633	0.0182	24 57 46.9	15.602	0.311	81.2	230 237	25 2111
3780	8.7	24 29.17	3.3992	0.0156	21 17 20.4	15.612	0.304	81.5	220 243 378	21 2047
3781	7.7	9 24 32.71	+3.3912	−0.0153	+20 49 9.4	−15.615	−0.304	81.2	217 225	20 2331
3782	4.0	24 35.15	3.4372	0.0171	23 31 5.5	15.617	0.308	81.3	241 244	23 2107
3783	7.2	24 42.30	3.3866	0.0151	20 33 27.9	15.624	0.303	81.5	218 222 378	20 2332
3784	9.2	24 49.97	3.3861	0.0151	20 32 40.2	15.631	0.303	81.2	218 222 247	20 2333
3785	9.0	24 54.97	3.4508	0.0177	24 20 0.2	15.635	0.308	80.8	79 243	24 2099
3786	8.4	9 24 59.62	+3.3867	−0.0151	+20 35 48.4	−15.640	−0.302	81.2	217 225	20 2334
3787	7.9	25 7.49	3.4170	0.0164	22 24 23.3	15.647	0.305	80.3	56 73 77	22 2102
3788	8.7	25 29.79	3.3980	0.0156	21 19 17.4	15.667	0.303	81.2	217 225	21 2051
3789	7.7	25 39.25	3.3825	0.0150	20 24 25.2	15.676	0.301	81.1	218 222	20 2335
3790	8.9	26 8.91	3.4206	0.0166	22 43 35.6	15.703	0.304	80.3	56 73 77	22 2104
3791	9.2	9 26 49.40	+3.3882	−0.0153	+20 52 33.6	−15.739	−0.299	81.1	218 222	20 2339
3792	6.7	26 50.81	3.4412	0.0175	24 0 34.5	15.741	0.304	80.9	79 82 378	24 2104
3793	9.1	28 46.88	3.4473	0.0180	24 35 28.9	15.845	0.301	81.5	217 225 379	24 2105
3794	7.8	28 56.54	3.4325	0.0174	23 45 3.7	15.854	0.300	80.6	79 82 247	23 2116
3795	7.3	29 0.84	3.3799	0.0152	20 36 7.7	15.857	0.295	81.5	218 222 378	20 2340
3796	9.1	9 29 40.31	+3.4329	−0.0175	+23 51 26.7	−15.893	−0.299	80.6	79 82 247	23 2118
3797	7.8	29 46.89	3.4148	0.0167	22 48 11.3	15.898	0.297	80.3	56 73 77	22 2108
3798	7.1	29 49.94	3.4280	0.0173	23 35 22.0	15.901	0.298	81.0	79 82 247 378	23 2120
3799	9.1	29 57.94	3.3711	0.0149	20 9 34.3	15.908	0.293	81.5	218 222 379	20 2343
3800	8.7	30 4.13	3.4092	0.0165	22 29 58.6	15.914	0.296	80.3	56 73 77	22 2111

[1] Z. 237 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3801	9.0	$9^h\ 30^m\ 4^s.60$	+3.4002	−0.0161	+21° 57′ 18″.1	−15″.914	−0″.295	81.2	217 225	22° 2110
3802	8.9	30 25.44	3.4501	0.0183	24 57 25.2	15.933	0.299	81.5	220 237 379	25 2126
3803	8.7	30 47.47	3.4437	0.0180	24 37 38.5	15.952	0.298	81.5	217 225 378	24 2110
3804	9.0	31 0.22	3.4244	0.0172	23 30 57.7	15.963	0.295	80.6	79 82 247	23 2125
3805	8.0	31 6.08	3.4342	0.0177	24 6 32.0	15.969	0.296	81.2	217 225	24 2111
3806	8.5	9 31 29.38	+3.4250	−0.0173	+23 36 48.3	−15.989	−0.295	81.5	220 237 378	23 2126
3807	8.8	31 33.41	3.4159	0.0169	23 4 34.2	15.993	0.294	81.2	217 225	23 2127
3808	9.0	31 36.37	3.3934	0.0160	21 42 53.3	15.995	0.292	81.2	230 241 243 244	21 2068
3809	9.0	31 36.75	3.4235	0.0173	23 32 16.4	15.996	0.294	80.9	79 82 379	23 2128
3810	8.1	31 37.82	3.3997	0.0162	22 6 2.3	15.997	0.292	80.3	56 73 77	22 2112
3811	8.9	9 31 46.30	+3.4464	−0.0183	+24 54 44.8	−16.004	−0.296	81.2	220 237	25 2130
3812	7.1	31 53.71	3.3790	0.0154	20 51 36.3	16.011	0.290	81.5	218 222 378	20 2351
3813	9.2	32 0.17	3.3933	0.0160	21 45 22.8	16.016	0.291	81.3	243 244 245	21 2070
3814	8.9	32 8.43	3.3812	0.0155	21 1 27.3	16.023	0.290	81.2	218 222 244	21 2071
3815	8.3	32 10.52	3.3931	0.0160	21 45 39.0	16.025	0.291	81.2	230 243	21 2072
3816	8.7	9 32 30.47	+3.4083	−0.0167	+22 43 54.1	−16.043	−0.291	80.3	56 73 77	22 2114
3817	8.9	33 33.46	3.4385	0.0181	24 40 11.9	16.098	0.292	81.2	220 230 237 245	24 2115
3818	8.5	33 45.16	3.3874	0.0159	21 35 35.2	16.108	0.287	81.1	218 222	21 2078
3819	9.0	34 6.94	3.4138	0.0171	23 15 36.3	16.127	0.289	80.3	79 82	23 2135
3820	9.2	34 36.19	3.4325	0.0180	24 26 54 5	16.152	0.290	81.2	220 241	24 2118
3821	8.2	9 34 56.32	+3.4226	−0.0176	+23 53 47.4	−16.169	−0.288	80.3	79 82	23 2139
3822	8.7	35 2.48	3.3938	0.0163	22 8 26.7	16.175	0.286	80.3	56 73 77	22 2116
3823	9.0	35 14.50	3.3961	0.0164	22 18 33.1	16.185	0.286	81.2	220 241	22 2118
3824	9.1	35 24.69	3.3966	0.0164	22 21 26.1	16.194	0.285	80.3	56 73 77	22 2119
3825	8.5	35 43.04	3.4255	0.0178	24 10 15.7	16.210	0.287	80.3	79 82	24 2121
3826	9.4	9 36 8.44	+3.4355	−0.0183	+24 49 38.6	−16.231	−0.287	81.2	217 225 241 245	24 2122
3827	9.0	36 9.00	3.4020	0.0168	22 46 53.6	16.232	0.284	80.3	56 73 77	22 2121
3828	9.0	36 13.37	3.3811	0.0158	21 28 56.2	16.236	0.282	80.2	45 47	21 2084
3829	8.5:	36 13.60	3.4275	0.0179	24 21 11.3	16.236	0.286	80.3	83 84	24 2123
3830	7.1	36 22.46	3.3695	0.0154	20 45 47.6	16.243	0.281	81.1	218 222	20 2366
3831	8.7	9 36 51.71	+3.3983	−0.0167	+22 38 17.7	−16.268	−0.283	80.3	56 73 77	22 2124
3832	9.4	37 49.50	3.3777	0.0158	21 27 11.7	16.318	0.279	82.3	379[b]	[21 2091]
3833	9.0	37 50.57	3.4161	0.0176	23 52 13.3	16.318	0.283	80.7	79 82 217 225	23 2143
3834	9.0	37 56.52	3.4080	0.0172	23 22 51.1	16.324	0.282	80.7	83 220	23 2145
3835	7.2	38 9.11	3.4184	0.0177	24 2 54.9	16.334	0.282	81.2	220 237	24 2128
3836	3.0	9 38 45.19	+3.4220	−0.0179	+24 20 55.4	−16.365	−0.281		Fund. Cat.	24 2129
3837	9.2	38 45.59	3.3751	0.0158	21 24 3.6	16.365	0.277	81.2	217 225 247	21 2095
3838	9.0	38 58.98	3.3827	0.0162	21 55 2.3	16.376	0.278	81.3	243 245 247	21 2096
3839	8.3	39 9.19	3.3741	0.0158	21 23 11.0	16.385	0.277	81.2	217 225	21 2099
3840	7.9	39 13.50	3.3690	0.0156	21 3 50.1	16.388	0.276	81.3	243 245	21 2100
3841	9.1	9 39 15.37	+3.3819	−0.0161	+21 53 50.0	−16.390	−0.277	81.5	217 225 379[a]	21 2101
3842	8.7	39 18.54	3.4235	0.0181	24 31 10.5	16.393	0.281	81.2	220 243	24 2131
3843	9.2	39 57.25	3.4013	0.0171	23 12 58.7	16.425	0.278	80.7	79 82 217 225	23 2147
3844	7.0	40 16.71	3.4167	0.0178	24 13 28.6	16.441	0.278	80.3	83 84	24 2133
3845	8.1	40 42.47	3.3681	0.0157	21 10 55.8	16.463	0.273	81.1	218 222	21 2108
3846	9.0	9 41 47.35	+3.3882	−0.0167	+22 37 24.9	−16.517	−0.273	80.3	56 73 77	22 2131
3847	8.0	41 49.49	3.3970	0.0171	23 11 25.9	16.519	0.274	80.6	79 82 244	23 2149
3848	8.4	42 5.49	3.4255	0.0185	25 1 25.7	16.532	0.276	80.3	83 84	25 2157
3849	8.4	42 23.33	3.4242	0.0184	24 58 53.2	16.546	0.275	80.3	83 84	25 2159
3850	8.6	42 33.91	3.3676	0.0158	21 22 37.5	16.555	0.270	80.5	45 47 244	21 2111

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3851	6.9	9h 42m 50s.14	+3s.3729	−0s.0161	+21° 45′ 38″.9	−16″.569	−0″.270	80.5	45 47 220	21° 2113
3852	9.1	42 51.78	3.3848	0.0166	22 32 17.1	16.570	0.271	80.3	73 77	22 2134
3853	9.0	42 56.23	3.3517	0.0151	20 21 56.2	16.574	0.268	81.1	218 222	20 2382
3854	8.9	43 2.09	3.3488	0.0150	20 11 11.9	16.578	0.268	81.1	218 222	20 2383
3855	9.1	43 19.68	3.3865	0.0167	22 42 46.4	16.593	0.270	80.3	56 73 77	22 2135
3856	8.9	9 43 31.45	+3.4099	−0.0179	+24 14 16.2	−16.602	−0.272	80.6	79 82 247	24 2139
3857	9.0	43 52.53	3.3652	0.0158	21 22 57.0	16.620	0.268	80.2	45 47	21 2115
3858	8.4	43 53.53	3.4123	0.0180	24 26 34.4	16.620	0.271	81.2	217 225	24 2142
3859	5.7	44 47.12	3.4189	0.0184	24 59 7.9	16.664	0.270	80.5	83 84 220	25 2169
3860	8.1	44 51.76	3.3539	0.0154	20 44 59.5	16.668	0.265	81.2	218 222 243	20 2387
3861	8.5	9 44 58.22	+3.3966	−0.0174	+23 35 14.6	−16.673	−0.268	80.6	79 82 244	23 2154
3862	8.2	45 49.23	3.3890	0.0171	23 12 22.0	16.714	0.266	81.2	217 225	23 2156
3863	8.3	46 3.23	3.3809	0.0167	22 42 34.8	16.726	0.265	80.3	56 73 77	22 2138
3864	7.9	46 19.71	3.3479	0.0152	20 31 31.6	16.739	0.262	81.2	217 225	20 2391
3865	8.8	46 56.76	3.3418	0.0150	20 10 55.6	16.768	0.260	81.2	217 225 243	20 2393
3866	9.1	9 47 27.28	+3.3681	−0.0163	+22 2 28.8	−16.793	−0.261	80.3	56 73 77	22 2141
3867	9.1	47 47.69	3.3668	0.0162	21 59 52.3*	16.809	0.261	80.3	56 73 77	22 2142
3868	9.0	48 9.45	3.3507	0.0155	20 56 48.0	16.826	0.259	81.2	217 225	21 2121
3869	9.1	48 29.39	3.3505	0.0155	20 58 28.6	16.842	0.258	80.5	83 84 220	21 2123
3870	9.0	48 45.40	3.3585	0.0159	21 33 45.6	16.855	0.258	80.2	45 47	21 2124
3871	9.1	9 48 45.44	+3.3831	−0.0171	+23 13 28.3	−16.855	−0.260	80.6	79 82 247	23 2160
3872	9.0	48 53.22	3.3378	0.0149	20 8 54.5	16.861	0.256	81.2	217 225	20 2396
3873	9.0	49 19.95	3.3615	0.0161	21 50 23.9	16.882	0.257	80.3	56 73 77	21 2126
3874	9.0	49 30.01	3.3891	0.0175	23 43 49.9	16.890	0.259	80.6	79 82 247	23 2161
3875	9.0	49 47.25	3.3367	0.0150	20 11 7.3	16.904	0.255	81.2	217 225	20 2398
3876	8.9[1]	9 49 58.73	+3.3534	−0.0158	+21 22 16.2	−16.913	−0.256	80.5	45 47 250	21 2128
3877	8.3	50 3.48	3.4012	0.0182	24 36 39.0	16.916	0.259	80.8	85 243	24 2156
3878	8.0	50 8.10	3.3385	0.0151	20 21 19.7	16.920	0.254	80.3	83 84	20 2399
3879	8.5	50 8.26	3.3384	0.0151	20 20 49.5	16.920	0.254	80.3	83 84	20 2400
3880	9.1	50 11.55	3.3505	0.0157	21 12 10.1	16.923	0.255	80.5	45 47 247	21 2130
3881	9.1	9 50 23.73	+3.3754	−0.0169	+22 56 5.3	−16.932	−0.256	80.3	56 73 77	23 2162
3882	8.9	50 26.88	3.3357	0.0150	20 11 50.6	16.935	0.253	80.5	83 84 217	20 2402
3883	8.7	50 42.73	3.3348	0.0150	20 10 18.9	16.947	0.253	81.2	225 245	20 2406
3884	8.4	50 46.87	3.3432	0.0154	20 45 55.7	16.950	0.253	80.8	85 243	20 2407
3885	8.8	50 52.77	3.3331	0.0149	20 4 17.5	16.955	0.252	80.8	85 243	20 2408
3886	9.0	9 50 53.86	+3.3957	−0.0180	+24 22 40.1	−16.956	−0.257	80.8	85 250	24 2157
3887	8.5	51 6.09	3.3542	0.0159	21 34 40.3	16.965	0.254	80.2	45 47	21 2133
3888	8.2	51 6.50	3.3787	0.0171	23 15 32.2	16.965	0.256	80.3	79 82	23 2163
3889	8.0	51 30.55	3.3727	0.0169	22 54 30.0	16.984	0.254	80.3	56 73 77	22 2147
3890	8.9	51 51.83	3.4028	0.0184	24 59 42.3	17.001	0.256	80.3	83 84	25 2190
3891	9.1	9 52 15.61	+3.3439	−0.0155	+21 0 39.3	−17.019	−0.251	80.2	45 47	21 2138
3892	8.3	52 22.04	3.3852	0.0176	23 53 13.2	17.024	0.254	80.6	79 82 250	23 2164
3893	6.7	52 30.29	3.3563	0.0162	21 55 1.3	17.030	0.251	81.2	217 225	22 2148
3894	8.9	52 34.81	3.3757	0.0171	23 16 20.9	17.034	0.253	80.3	79 82	23 2165
3895	8.6	53 4.00	3.3544	0.0161	21 51 36.9	17.056	0.250	82.3	379a 379b	21 2140
3896	9.0	9 53 6.77	+3.3799	−0.0174	+23 38 2.6	−17.058	−0.252	80.5	79 82 220	23 2167
3897	8.7	53 35.66	3.3561	0.0162	22 3 23.1	17.080	0.249	80.3	56 73 77	22 2153
3898	9.0	53 37.54	3.3864	0.0178	24 9 16.5	17.082	0.251	80.3	79 82	24 2163
3899	8.9	53 58.17	3.3341	0.0152	20 32 49.8	17.098	0.247	81.2	217 225	20 2415
3900	8.9	53 58.76	3.3609	0.0165	22 26 53.8	17.098	0.249	80.3	56 73 77	22 2154

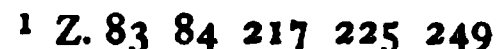
[1] Z. 250 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
3901	9.0	9ʰ 54ᵐ 4ˢ.11	+3ˢ.3331	−0ˢ.0151	+20° 28′ 57″.6	−17″.102	−0″.246	81.3	243 245 247	20° 2416
3902	9.1	54 5.97	3.3568	0.0163	22 10 40.1	17.104	0.248	80.3	83 84	22 2155
3903	9.5	54 16.87	3.3916	0.0181	24 36 51.5	17.112	0.251	81.3	247 250	[24 2165]
3904	9.0	54 20.78	3.3622	0.0166	22 35 33.9	17.115	0.248	80.3	56 73 77	22 2156
3905	9.1	54 23.52	3.3480	0.0159	21 35 50.2	17.117	0.247	80.2	45 47	21 2142
3906	9.1	9 54 31.25	+3.3249	−0.0148	+19 57 6.9	−17.123	−0.245	81.2	217 225	20 2417
3907	9.0	54 36.80	3.3885	0.0180	24 26 57.1	17.127	0.250	80.6	79 82 250	24 2166
3908	9.1	54 47.76	3.3264	0.0149	20 5 41.6	17.135	0.245	80.8	85 243	20 2418
3909	7.2	54 50.88	3.3899	0.0181	24 34 54.0	17.138	0.249	80.3	83 84	24 2167
3910	8.5	55 7.57	3.3563	0.0164	22 17 31.3	17.150	0.246	80.8	85 243	22 2160
3911	9.1	9 55 26.82	+3.3638	−0.0168	+22 52 1.4	−17.165	−0.246	80.7	83 84 217 225	22 2161
3912	9.0	55 33.28	3.3528	0.0163	22 6 18.6	17.170	0.245	80.3	56 73 77	22 2163
3913	5.6	55 50.61	3.3585	0.0166	22 33 4.5	17.183	0.245	80.8	85 243	22 2164
3914	9.1	55 52.38	3.3689	0.0171	23 17 31.2	17.184	0.246	80.6	79 82 247	23 2174
3915	9.2	56 32.47	3.3483	0.0161	21 55 40.4	17.214	0.243	80.5	45 47 250	22 2165
3916	9.0	9 56 46.37	+3.3334	−0.0154	+20 52 40.9	−17.225	−0.242	81.2	217 225 247	20 2423
3917	9.0	56 55.87	3.3501	0.0162	22 6 31.7	17.232	0.242	80.3	56 73 77	22 2166
3918	8.7	57 26.28	3.3581	0.0167	22 45 30.9	17.254	0.242	80.6	83 84 243	22 2167
3919	8.8	57 34.31	3.3482	0.0162	22 3 52.8	17.260	0.241	80.5	45 47 250	22 2169
3920	7.6	57 37.94	3.3635	0.0170	23 10 28.1	17.263	0.242	80.3	79 82	23 2176
3921	8.5	9 57 38.46	+3.3490	−0.0163	+22 8 12.7	−17.263	−0.241	80.3	73 77	22 2170
3922	9.1	57 41.56	3.3504	0.0163	22 14 29.1	17.266	0.241	80.6	83 84 247	22 2171
3923	8.8	58 8.01	3.3521	0.0165	22 25 48.2	17.285	0.240	80.3	83 84	22 2173
3924	8.3	58 13.30	3.3539	0.0166	22 34 39.2	17.289	0.240	80.3	73 77	22 2174
3925	8.2	58 15.38	3.3257	0.0151	20 31 16.3	17.291	0.238	81.2	217 225	20 2429
3926	8.1	9 58 18.08	+3.3193	−0.0148	+20 2 39.1	−17.293	−0.238	81.2	217 225 250	20 2430
3927	9.1	59 6.31	3.3330	0.0156	21 10 48.6	17.328	0.237	80.5	45 47 247	21 2150
3928	8.4	59 7.01	3.3781	0.0180	24 26 29.5	17.329	0.241	80.3	79 82	24 2177
3929	9.1	59 9.08	3.3179	0.0148	20 3 37.9	17.330	0.236	81.3	243 245	20 2431
3930	7.0	59 14.03	3.3455	0.0162	22 7 13.3	17.334	0.238	80.3	83 84	22 2179
3931	9.1	9 59 49.87	+3.3378	−0.0159	+21 38 35.4	−17.360	−0.236	80.2	45 47	21 2151
3932	9.1	10 0 6.91	3.3770	0.0180	24 31 39.7	17.373	0.239	81.6	243 247 379ᵃ	24 2179
3933	8.8	0 9.98	3.3725	0.0178	24 12 50.5	17.375	0.238	80.3	79 82	24 2180
3934	8.8	0 24.80	3.3384	0.0160	21 46 22.1	17.386	0.235	80.2	45 47	21 2153
3935	9.0	0 31.31	3.3510	0.0167	22 43 10.9	17.390	0.236	80.3	83 84	22 2181
3936	9.2	10 0 35.15	+3.3592	−0.0171	+23 19 32.4	−17.393	−0.236	80.6	79 82 245	23 2177
3937	9.1	0 36.74	3.3733	0.0179	24 20 40.0	17.394	0.237	81.6	243 247 379ᵃ	24 2182
3938	9.1	0 47.53	3.3195	0.0150	20 24 43.7	17.402	0.233	80.3	83 84	20 2435
3939	9.2	1 26.26	3.3209	0.0151	20 36 49.8	17.430	0.232	81.2	217 225	20 2437
3940	8.0	1 27.38	3.3794	0.0183	24 55 9.2	17.431	0.236	81.3	236 247	25 2203
3941	8.9	10 1 36.51	+3.3810	−0.0184	+25 3 39.5	−17.437	−0.236	80.3	83 84	25 2204
3942	7.8	1 44.71	3.3672	0.0177	24 5 25.9	17.443	0.235	80.6	79 82 243	24 2185
3943	7.9	2 14.23	3.3431	0.0164	22 24 7.2	17.465	0.232	80.7	77 85 236	22 2185
3944	7.5	2 25.63	3.3234	0.0154	20 56 39.7	17.473	0.230	80.5	45 47 250	21 2156
3945	9.0	2 34.70	3.3426	0.0164	22 24 48.4	17.479	0.231	80.6	73 85 243	22 2186
3946	9.3	10 2 40.75	+3.3225	−0.0153	+20 54 51.5	−17.484	−0.230	80.5	45 47 247	21 2157
3947	8.0	3 27.94	3.3294	0.0158	21 33 29.8	17.517	0.229	80.5	45 47 250	21 2158
3948	9.1	3 34.92	3.3346	0.0161	21 58 21.4	17.522	0.229	80.6	73 77 236	22 2187
3949	8.0	3 37.11	3.3685	0.0179	24 29 44.1	17.524	0.231	80.6	79 82 243	24 2189
3950	7.3	4 13.20	3.3247	0.0156	21 18 53.3	17.549	0.227	80.2	45 47	21 2159

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
3951	8.9	10h 4m 30s.68	+3s.3376	−0s.0163	+22° 20′ 55″.4	−17″.561	−0″.227	80.7	73 77 217 225	22° 2189
3952	9.0	4 42.31	3.3691	0.0181	24 43 57.7	17.570	0.229	80.3	83 84	24 2192
3953	8.3	4 52.38	3.3638	0.0178	24 22 4.1	17.577	0.229	80.6	79 82 247	24 2193
3954	7.5	5 9.39	3.3154	0.0152	20 44 3.1	17.589	0.225	80.3	83 84	20 2447
3955	8.9	5 10.44	3.3306	0.0160	21 54 55.9	17.589	0.226	80.3	83 84	22 2190
3956	8.8	10 5 21.20	+3.3601	−0.0177	+24 10 28.1	−17.597	−0.228	80.6	79 82 247	24 2195
3957	8.7	5 23.75	3.3421	0.0167	22 49 37.1	17.599	0.226	80.3	73 77	22 2191
3958	9.0	5 26.26	3.3441	0.0168	22 59 6.0	17.600	0.226	80.6	79 82 249	23 2186
3959	9.0	5 43.10	3.3190	0.0154	21 6 2.9	17.612	0.224	80.5	45 47 250	21 2162
3960	9.0	5 45.31	3.3296	0.0160	21 56 4.7	17.614	0.225	80.8	85 236	22 2192
3961	8.6	10 6 7.86	+3.3491	−0.0171	+23 29 7.6	−17.629	−0.225	80.6	79 82 247	23 2190
3962	7.4	6 17.22	3.3299	0.0161	22 2 15.9	17.636	0.224	80.3	73 77	22 2193
3963	9.0	7 13.61	3.3456	0.0171	23 24 4.2	17.675	0.223	80.7	79 82 247 249	23 2196
3964	9.1	7 28.06	3.3149	0.0154	21 3 12.5	17.685	0.220	80.5	45 47 250	21 2164
3965	6.7	7 36.75	3.3239	0.0159	21 47 21.5	17.691	0.221	80.3	83 84	21 2165
3966	8.9	10 7 49.56	+3.3588	−0.0179	+24 30 28.0	−17.700	−0.223	80.8	85 236	24 2203
3967	9.3	7 55.24	3.3129	0.0153	20 57 58.9	17.704	0.219	80.7	83 84 217 225	21 2166
3968	9.2	8 32.48	3.3229	0.0159	21 51 25.3	17.729	0.219	80.5	45 47 243	21 2167
3969	8.3	8 49.78	3.3260	0.0161	22 9 5.6	17.741	0.219	80.3	73 77	22 2194
3970	9.1	9 11.56	3.3615	0.0182	24 57 38.1	17.756	0.220	80.3	83 84	25 2223
3971	6.0	10 9 36.76	+3.3496	−0.0176	+24 7 24.5	−17.773	−0.219	80.3	79 82	24 2207
3972	9.2	9 37.34	3.3596	0.0182	24 53 22.7	17.773	0.219	80.3	83 84	24 2206
3973	**3.0**	**9 44.11**	**3.3482**	**0.0175**	**24 2 21.8**	**17.778**	**0.218**		**Fund. Cat.**	**24 2209**
3974	8.1	9 48.13	3.3615	0.0183	25 4 6.4	17.780	0.219	81.2	217 225	25 2224
3975	9.1	9 53.50	3.3034	0.0149	20 30 51.4	17.784	0.215	80.8	85 250	20 2457
3976	7.9	10 10 5.37	+3.3282	−0.0164	+22 32 9.9	−17.792	−0.216	80.8	85 250	22 2197
3977	6.3	10 21.68	3.3428	0.0173	23 43 55.7	17.803	0.217	80.3	79 82	23 2207
3978	7.9	10 28.52	3.3442	0.0173	23 51 22.9	17.807	0.217	80.3	79 82	23 2209
3979	8.6	10 53.17	3.3509	0.0178	24 27 20.7	17.824	0.216	80.3	83 84	24 2213
3980	8.2	10 54.16	3.3026	0.0150	20 37 36.5	17.825	0.213	80.8	85 250	20 2460
3981	7.8	10 11 4.53	+3.3268	−0.0164	+22 35 33.0	−17.832	−0.214	81.2	217 225	22 2200
3982	9.1	11 22.19	3.2985	0.0148	20 20 34.2	17.843	0.212	80.8	85 236	20 2461
3983	9.0	11 30.03	3.3252	0.0163	22 32 22.7	17.849	0.213	81.2	217 225 245	22 2201
3984	8.6	11 52.01	3.3269	0.0165	22 44 27.7	17.863	0.213	80.3	83 84	22 2203
3985	7.2	12 15.40	3.3545	0.0182	24 59 25.2	17.879	0.214	81.2	217 225	25 2232
3986	8.9	10 12 15.92	+3.3252	−0.0164	+22 40 8.1	−17.879	−0.212	80.3	83 84	22 2204
3987	8.9[1]	12 19.92	3.3069	0.0154	21 11 21.0	17.882	0.211	80.5	45 47 249	21 2172
3988	9.2	12 25.75	3.3115	0.0156	21 35 4.7	17.885	0.211	80.2	45 47	21 2173
3989	8.6	12 43.74	3.3299	0.0168	23 7 58.6	17.897	0.211	80.3	79 82	23 2213
3990	9.2	12 48.81	3.3529	0.0181	24 58 2.0	17.901	0.213	81.2	217 225	25 2234
3991	9.0	10 12 49.51	+3.2975	−0.0149	+20 29 50.0	−17.901	−0.209	80.8	85 236	20 2465
3992	4	12 55.73	3.2926	0.0146	20 6 13.7	17.905	0.209	81.2	217 225 249	20 2466
3993	8.5	13 2.54	3.3035	0.0152	21 1 49.2	17.910	0.209	80.2	45 47	21 2175
3994	2	13 4.84	3.2967	0.0148	20 28 21.1	17.911	0.209	80.8	85 250	} 20 2467
3995	6.5:	13 5.10	3.2967	0.0148	20 28 20.0	17.911	0.209	80.8	85 250	
3996	7.6	10 13 21.47	+3.3224	−0.0164	+22 38 21.1	−17.922	−0.210	80.3	83 84	22 2208
3997	8.1	13 57.84	3.2914	0.0146	20 9 59.8	17.946	0.207	81.0	85 236 249	20 2470
3998	9.3	14 26.99	3.3499	0.0182	25 2 36.0	17.965	0.209	81.2	217(8½) 225 245	25 2236
3999	8.8	14 50.62	3.3118	0.0159	22 1 22.5	17.980	0.206	80.3	83 84	22 2210
4000	8.9	14 57.93	3.3109	0.0159	21 58 34.7	17.985	0.206	80.5	45 47 249	22 2212

[1] Dupl. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4001	8.6	10h 15m 3s.91	+3s.2923	−0s.0148	+20° 25′ 22″.5	−17″.989	−0″.205	80.9	85 217 225	20° 2474
4002	8.9	15 4.92	3.2953	0.0149	20 40 56.5	17.989	0.205	80.3	83 84	20 2475
4003	9.2	16 10.54	3.3309	0.0172	23 50 58.4	18.031	0.205	80.6	79 82 236	23 2217
4004	8.8	17 5.47	3.2860	0.0146	20 13 0.1	18.066	0.200	81.0	85 236 249	20 2481
4005	9.0	17 9.71	3.3347	0.0176	24 20 54.0	18.069	0.203	80.6	79 82 249	24 2217
4006	9.3	10 17 59.88	+3.3110	−0.0162	+22 31 43.2	−18.101	−0.200	80.6	83 84 250	22 2215
4007	8.8	18 46.47	3.3235	0.0171	23 44 10.9	18.130	0.200	80.3	79 82	23 2221
4008	8.9	19 15.49	3.2797	0.0144	20 2 9.3	18.148	0.196	80.3	83 84	20 2484
4009	9.1	19 17.35	3.3180	0.0168	23 21 51.9	18.149	0.198	80.6	79 82 249	23 2223
4010	9.0	19 22.03	3.2894	0.0150	20 54 42.8	18.152	0.196	80.5	45 47 250	21 2193
4011	8.0	10 20 5.51	+3.2794	−0.0144	+20 8 55.8	−18.179	−0.194	80.3	83 84	20 2486
4012	8.4	20 8.55	3.2896	0.0151	21 4 11.9	18.181	0.195	80.2	45 47	21 2195
4013	6.8	20 12.48	3.2775	0.0143	20 0 0.1	18.183	0.194	80.3	83 84	20 2487
4014	8.9	20 16.08	3.3216	0.0171	23 51 57.3	18.185	0.196	80.5	79 82 217	23 2226
4015	8.5	20 18.42	3.3161	0.0168	23 24 15.8	18.187	0.196	80.8	82 245	23 2227
4016	8.7	10 20 21.19	+3.3234	−0.0172	+24 2 9.8	−18.188	−0.196	81.2	225 245	24 2222
4017	8.6	20 23.27	3.2822	0.0146	20 27 18.0	18.190	0.194	80.3	83 84	20 2488
4018	8.9	20 25.22	3.3268	0.0175	24 20 11.7	18.191	0.197	81.2	217 225 249	24 2223
4019	7.9	20 30.29	3.3023	0.0159	22 15 5.5	18.194	0.195	80.8	85 236	22 2217
4020	9.1	20 47.17	3.3172	0.0169	23 35 26.9	18.204	0.195	80.6	79 82 250	23 2230
4021	8.4	10 20 53.74	+3.2847	−0.0149	+20 45 58.7	−18.208	−0.193	80.8	85 236	20 2489
4022	9.3	20 58.97	3.2866	0.0150	20 57 19.2	18.211	0.193	80.2	45 47	21 2197
4023	9.3	21 8.77	3.2808	0.0146	20 27 57.2	18.217	0.192	80.8	5 Beob.[1]	20 2491
4024	9.0	21 36.86	3.3201	0.0172	24 0 21.9	18.235	0.194	80.6	79 82 250	24 2226
4025	9.2	21 54.34	3.2990	0.0159	22 13 45.1	18.245	0.192	80.8	85 236	22 2220
4026	8.7	10 22 6.24	+3.3245	−0.0175	+24 29 15.3	−18.252	−0.193	81.2	217 225	24 2227
4027	9.0	22 28.42	3.2753	0.0144	20 12 12.3	18.266	0.189	80.3	83 84	20 2493
4028	9.1	22 35.42	3.3000	0.0160	22 27 2.7	18.270	0.191	80.8	85 236	22 2223
4029	8.0	22 41.80	3.3245	0.0176	24 36 34.4	18.274	0.192	81.2	217 225	24 2229
4030	9.1	23 1.33	3.3020	0.0162	22 42 21.9	18.285	0.190	80.8	85 236	22 2225
4031	8.7	10 23 8.22	+3.2862	−0.0152	+21 19 0.9	−18.290	−0.189	80.2	45 47	21 2201
4032	8.4	23 15.87	3.2874	0.0153	21 26 32.6	18.294	0.189	80.7	45 47 249 250	} 21 2202
4033	8.3:	23 15.97	3.2873	0.0153	21 26 31.3	18.294	0.189	81.3	249	}
4034	9.0	23 18.43	3.2835	0.0150	21 6 1.7	18.296	0.188	80.3	83 84	21 2203
4035	8.5	23 27.69	3.2900	0.0155	21 43 19.0	18.301	0.188	80.7	45 250	21 2204
4036	8.6	10 23 28.21	+3.2954	−0.0158	+22 12 28.8	−18.302	−0.189	81.3	85 379b	22 2227
4037	8.8	24 17.36	3.3009	0.0162	22 51 52.5	18.331	0.187	80.6	83 84 236	22 2230
4038	9.0	24 18.16	3.2902	0.0155	21 54 6.4	18.331	0.187	80.2	45 47	22 2231
4039	7.8	24 20.55	3.3209	0.0176	24 38 47.2	18.333	0.189	81.2	217 225	24 2234
4040	7.7	24 51.67	3.3205	0.0176	24 43 28.2	18.351	0.188	81.2	217 225	24 2238
4041	7.9	10 25 8.15	+3.2970	−0.0161	+22 40 51.2	−18.361	−0.186	80.6	83 84 250	} 22 2232
4042	8.1	25 8.56	3.2969	0.0161	22 40 39.1	18.361	0.186	81.3	236 245 250	}
4043	9.2	25 20.02	3.3011	0.0164	23 5 39.5	18.368	0.185	80.3	79 82	23 2236
4044	9.1	25 20.24	3.3034	0.0165	23 18 12.6	18.368	0.186	80.3	79 82	23 2237
4045	8.0	25 29.34	3.3104	0.0170	23 57 36.1	18.373	0.186	81.2	217 225	24 2239
4046	9.0	10 25 52.22	+3.2771	−0.0149	+20 59 53.8	−18.386	−0.183	80.2	45 47	21 2205
4047	9.0	26 3.72	3.2728	0.0146	20 37 49.6	18.393	0.182	80.8	84 236	20 2498
4048	8.5	26 18.29	3.2679	0.0143	20 12 31.1	18.402	0.182	80.8	85 250	20 2500
4049	8.8	26 25.67	3.3029	0.0166	23 28 56.3	18.406	0.183	80.3	79 82	23 2239
4050	8.9	26 51.24	3.2793	0.0151	21 23 36.9	18.421	0.181	80.2	45 47	21 2208


[1] Z. 83 84 217 225 249

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4051	9.0	$10^h\ 26^m\ 53^s.09$	$+3^s.2880$	$-0^s.0157$	+22° 12' 41".6	−18".422	−0".182	80.8	85 250	22° 2234
4052	7.4	26 55.67	3.3073	0.0170	23 59 39.7	18.423	0.183	81.2	217 225	} 24 2244
4053	8.9	26 55.95	3.3073	0.0170	23 59 36.9	18.423	0.183	81.2	217 225	
4054	8.0	27 3.28	3.2742	0.0148	20 56 52.9	18.428	0.181	80.7	84 227	21 2210
4055	8.8	27 4.29	3.3012	0.0166	23 27 59.1	18.428	0.182	80.3	79 82	23 2241
4056	9.3	10 27 33.69	+3.2868	−0.0157	+22 14 14.9	−18.445	−0.180	80.8	85 236	} 22 2236
4057	7.2	27 34.50	3.2868	0.0157	22 14 16.5	18.445	0.180	80.8	85 236	
4058	9.0	28 2.25	3.2870	0.0158	22 21 19.0	18.461	0.179	80.2	51 55	22 2237
4059	9.1	28 22.38	3.3060	0.0171	24 11 23.7	18.473	0.180	80.5	68 70 245	24 2248
4060	8.2	28 29.25	3.2825	0.0155	22 1 34.0	18.477	0.178	80.5	45 47 249	22 2240
4061	9.0	10 28 42.34	+3.2625	−0.0142	+20 8 36.8	−18.484	−0.177	80.5	53 75 227	20 2503
4062	9.1	29 20.20	3.2615	0.0142	20 9 58.3	18.505	0.175	80.5	53 75 227	20 2506
4063	8.9	29 54.21	3.2818	0.0156	22 15 13.0	18.524	0.175	80.2	49 51 55	22 2243
4064	9.2	29 59.75	3.3012	0.0170	24 6 28.0	18.528	0.176	80.3	68 70 79 82	24 2250
4065	8.9	30 10.37	3.2744	0.0152	21 35 43.1	18.533	0.174	80.5	45 47 249	21 2216
4066	8.3	10 30 25.11	+3.3001	−0.0170	+24 5 51.5	−18.542	−0.175	80.6	5 Beob.[1]	24 2251
4067	9.3	30 35.35	3.3087	0.0176	24 56 31.7	18.547	0.176	80.6	83 84 227	25 2274
4068	8.4	31 1.87	3.2627	0.0144	20 37 28.9	18.562	0.172	80.5	53 75 236	20 2507
4069	8.6	31 11.25	3.2838	0.0159	22 43 19.0	18.567	0.173	80.6	83 84 249	22 2247
4070	9.5	31 24.78	3.2808	0.0157	22 28 57.4	18.575	0.172	80.5	49 51 55 236	22 2248
4071	8.5	10 31 46.81	+3.2576	−0.0142	+20 15 49.3	−18.587	−0.170	80.5	53 75 227	20 2509
4072	8.5	32 30.40	3.2761	0.0155	22 15 14.0	18.611	0.170	80.2	49 51 55	22 2251
4073	8.4	32 32.76	3.2820	0.0160	22 50 48.5	18.612	0.170	80.9	68 217 225	22 2252
4074	8.9	32 57.74	3.2731	0.0154	22 3 43.6	18.625	0.169	80.5	45 47 249	22 2253
4075	8.9	33 30.41	3.2760	0.0157	22 28 12.5	18.643	0.168	80.2	49 51 55	22 2255
4076	9.1	10 33 52.18	+3.2910	−0.0168	+24 1 28.2	−18.655	−0.168	80.5	68 70 236	24 2257
4077	9.1	34 16.52	3.2984	0.0174	24 50 36.8	18.668	0.168	80.8	5 Beob.[2]	24 2259
4078	8.9	34 30.93	3.2954	0.0172	24 36 47.4	18.675	0.167	80.7	79 82 217 225	24 2260
4079	8.8	34 36.30	3.2591	0.0146	21 0 24.2	18.678	0.165	80.5	45 47 249	21 2222
4080	8.4	34 38.94	3.2610	0.0147	21 12 19.1	18.680	0.165	80.2	45 47	21 2223
4081	9.0	10 34 51.56	+3.2988	−0.0175	+25 1 25.8	−18.686	−0.167	80.3	83 84	25 2282
4082	8.9	35 4.90	3.2763	0.0159	22 51 24.8	18.693	0.165	80.2	49 51 55	22 2258
4083	8.8	36 33.76	3.2696	0.0156	22 31 18.4	18.740	0.162	80.3	83 84	22 2262
4084	**5.3**	**36 37.01**	**3.2825**	**0.0165**	**23 50 31.6**	**18.742**	**0.162**		**Fund. Cat.**	**23 2253**
4085	8.9	36 57.51	3.2651	0.0153	22 8 34.2	18.752	0.161	80.3	83 84	22 2264
4086	6.2	10 37 30.74	+3.2475	−0.0141	+20 24 52.1	−18.769	−0.159	80.3	83 84	20 2514
4087	9.2	37 53.73	3.2556	0.0147	21 21 43.1	18.781	0.158	80.2	45 47 85	} 21 2230
4088	8.9	37 53.94	3.2556	0.0147	21 21 39.0	18.781	0.158	81.8	245 379^b	
4089	8.8	38 15.24	3.2893	0.0173	24 56 31.8	18.792	0.159	81.2	217 225	25 2293
4090	8.5	38 28.33	3.2591	0.0150	21 51 40.3	18.799	0.157	80.3	83 84	21 2232
4091	8.8	10 38 37.81	+3.2815	−0.0168	+24 14 7.5	−18.803	−0.158	81.2	217 225	24 2265
4092	9.2	39 8.92	3.2417	0.0138	20 8 56.3	18.819	0.155	80.3	83 84	20 2519
4093	9.0	39 37.28	3.2725	0.0162	23 33 15.4	18.833	0.156	80.8	85 236	23 2258
4094	9.0	39 57.41	3.2838	0.0171	24 48 54.9	18.843	0.156	81.2	217 225 236	} 24 2269
4095	8.8	39 58.28	3.2836	0.0171	24 48 14.8	18.844	0.156	81.3	236 245 249	
4096	9.0	10 40 17.44	+3.2493	−0.0145	+21 14 20.4	−18.853	−0.153	80.5	45 47 250	21 2233
4097	9.0	40 24.37	3.2644	0.0157	22 53 47.7	18.857	0.154	80.3	83 84	23 2259
4098	8.1	40 30.12	3.2674	0.0159	23 14 0.8	18.860	0.154	80.8	85 227	23 2261
4099	8.9	40 32.82	3.2529	0.0148	21 41 31.7	18.861	0.153	80.9	85 217 225	21 2235
4100	9.0	40 34.35	3.2506	0.0147	21 26 42.7	18.862	0.153	80.2	45 47	21 2236

[1] Z. 68 70 82 217 225   [2] Z. 83 84 217 225 249

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4101	9.0	10h 40m 41s.72	+3s.2607	−0s.0155	+22° 34' 2".4	−18".866	−0".153	80.2	49 51 55	22° 2272
4102	9.1	40 54.06	3.2666	0.0159	23 15 10.9	18.872	0.153	80.5	68 70 249	23 2262
4103	9.0	40 57.29	3.2823	0.0172	24 55 27.0	18.873	0.154	81.3	236 246	25 2299
4104	8.7	41 7.47	3.2730	0.0165	23 59 47.4	18.878	0.153	80.7	84 227	24 2272
4105	8.7	41 33.78	3.2604	0.0155	22 45 2.1	18.891	0.151	80.5	68 70 249	22 2273
4106	9.1	10 41 47.05	+3.2576	−0.0153	+22 29 52.1	−18.898	−0.151	80.2	49 51 55	22 2274
4107	9.1	41 53.21	3.2600	0.0156	22 47 27.2	18.901	0.151	81.0	84 227 246	22 2275
4108	9.2	42 14.86	3.2382	0.0139	20 27 15.0	18.911	0.149	80.5	53 75 250	20 2520
4109	8.9	42 16.02	3.2479	0.0147	21 33 2.2	18.912	0.149	80.2	45 47	21 2240
4110	9.1	42 44.24	3.2541	0.0152	22 21 15.8	18.925	0.149	80.2	49 51 55	22 2278
4111	9.2	10 42 49.68	+3.2389	−0.0140	+20 40 3.3	−18.928	−0.148	80.5	53 75 250	20 2522
4112	8.8	42 51.51	3.2642	0.0160	23 30 1.6	18.929	0.149	80.5	68 70 249	23 2264
4113	7.9	43 3.88	3.2667	0.0163	23 49 32.4	18.935	0.149	81.0	84 227 246	23 2265
4114	6.3	43 50.07	3.2670	0.0164	24 4 0.8	18.957	0.147	80.5	68 70 249	24 2279
4115	9.0	44 25.25	3.2427	0.0145	21 29 26.8	18.974	0.145	80.2	45 47	21 2246
4116	8.8	10 44 26.30	+3.2667	−0.0165	+24 11 23.3	−18.974	−0.146	80.7	84 227	24 2280
4117	8.7	44 41.01	3.2649	0.0164	24 3 47.0	18.981	0.146	80.5	68 70 246	24 2281
4118	8.5	44 46.86	3.2373	0.0141	20 57 17.1	18.984	0.144	80.2	45 47 53 75	21 2247
4119	9.2	45 54.41	3.2601	0.0162	23 51 54.1	19.015	0.143	80.5	68 70 249	23 2271
4120	9.0	45 54.89	3.2339	0.0140	20 50 19.7	19.016	0.142	80.5	53 75 250	20 2526
4121	9.1	10 46 8.64	+3.2478	−0.0152	+22 31 10.7	−19.022	−0.142	80.2	49 51 55	22 2284
4122	9.0	46 9.57	3.2502	0.0154	22 48 20.2	19.022	0.142	80.2	51 55	[22 2285]
4123	9.2	46 12.23	3.2409	0.0146	21 43 49.5	19.024	0.141	80.5	45 47 227	21 2251
4124	9.0	46 15.51	3.2501	0.0154	22 48 40.8	19.025	0.142	80.2	49 51 55	22 2286
4125	8.6	47 11.03	3.2342	0.0142	21 11 53.5	19.051	0.139	80.7	45 47 249 250	21 2256
4126	9.4	10 47 13.15	+3.2344	−0.0142	+21 13 47.2	−19.052	−0.139	80.2	45 47	21 2257
4127	9.2	47 14.79	3.2283	0.0137	20 30 17.0	19.052	0.139	80.5	53 75 227	20 2527
4128	9.2	47 39.75	3.2372	0.0145	21 40 22.8	19.064	0.138	81.0	84 227 249	21 2259
4129	9.1	47 42.73	3.2348	0.0143	21 24 1.5	19.065	0.138	80.2	45 47 84 85	21 2260
4130	8.4	47 46.25	3.2535	0.0159	23 37 10.7	19.066	0.139	80.5	68 70 246	23 2276
4131	8.3	10 47 49.41	+3.2349	−0.0143	+21 26 18.5	−19.068	−0.138	80.3	83 84	21 2262
4132	8.7	48 4.21	3.2596	0.0165	24 25 13.1	19.075	0.139	80.5	64 66 249	24 2285
4133	9.1	48 18.38	3.2271	0.0137	20 37 13.2	19.081	0.137	80.5	53 75 85 227	20 2529
4134	7.3	48 44.75	3.2529	0.0160	23 49 50.5	19.093	0.137	80.5	68 70 246	23 2277
4135	8.8	48 56.59	3.2261	0.0137	20 39 57.3	19.098	0.135	80.5	53 75 236	20 2531
4136	8.4	10 49 24.98	+3.2229	−0.0135	+20 23 32.9	−19.111	−0.134	80.5	53 75 236	20 2532
4137	9.1	49 32.22	3.2254	0.0138	20 43 45.3	19.114	0.134	80.5	53 75 236	20 2533
4138	6.1	49 32.90	3.2441	0.0154	23 1 4.4	19.114	0.135	80.5	68 70 246	23 2279
4139	7.3	49 36.10	3.2515	0.0160	23 55 6.1	19.116	0.135	80.7	70 85 227	24 2287
4140	8.3	50 27.40	3.2375	0.0149	22 28 45.0	19.138	0.133	80.2	49 51 55	22 2290
4141	7.6	10 50 29.99	+3.2568	−0.0166	+24 48 32.1	−19.139	−0.134	80.5	64 66 249	24 2291
4142	8.6	50 35.44	3.2318	0.0145	21 48 30.2	19.142	0.132	80.5	45 47 250	21 2265
4143	8.7	50 43.01	3.2586	0.0168	25 5 19.9	19.145	0.133	80.2	64 66	25 2317
4144	7.4	51 23.55	3.2565	0.0168	25 2 37.9	19.162	0.132	80.2	64 66	25 2319
4145	8.5	51 53.74	3.2347	0.0149	22 32 15.3	19.175	0.130	80.2	49 51 55	22 2291
4146	8.5	10 51 54.49	+3.2296	−0.0145	+21 54 25.9	−19.176	−0.130	80.5	45 47 249	22 2292
4147	6.7	51 56.35	3.2169	0.0134	20 17 27.5	19.176	0.129	80.5	53 75 227	20 2538
4148	8.4	51 58.91	3.2316	0.0147	22 10 39.7	19.177	0.130	80.2	49 51 55	22 2293
4149	9.0	52 9.06	3.2325	0.0148	22 20 24.5	19.182	0.129	80.2	49 51 55	22 2295
4150	8.6[1]	53 5.77	3.2405	0.0156	23 37 1.7	19.206	0.128	80.8	5 Beob.[1]	23 2288

[1] Z. 68 (dupl. med.) 70 (nicht deutl. getr.) 236 246 250 (bei den letzten 3 Beob. einfach gesehen)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4151	8.9	10h 53m 10s.09	+3s.2153	−0s.0134	+20° 25′ 12″.6	−19″.208	−0″.127	80.2	53 75 85 227	20° 2540
4152	7.5	53 19.96	3.2326	0.0150	22 41 46.7	19.212	0.127	80.2	49 51 55	22 2296
4153	9.2	53 32.82	3.2226	0.0141	21 28 6.7	19.217	0.126	80.2	45 47 85	21 2269
4154	8.4	53 52.38	3.2446	0.0161	24 22 38.3	19.225	0.126	80.5	64 66 249	24 2298
4155	8.6	54 7.99	3.2407	0.0158	23 58 19.2	19.232	0.126	80.5	68 70 246	24 2299
4156	8.4	10 54 14.36	+3.2466	−0.0164	+24 44 28.8	−19.234	−0.126	80.5	64 66 249	24 2300
4157	9.0	54 31.59	3.2227	0.0143	21 45 43.6	19.241	0.124	80.2	45 47	} 21 2270
4158	9.3	54 31.73	3.2226	0.0143	21 45 29.4	19.241	0.124	80.2	45 47	
4159	9.2	54 37.86	3.2098	0.0131	20 5 27.4	19.244	0.124	80.5	5 Beob.[1]	20 2543
4160	8.9	54 46.07	3.2331	0.0152	23 11 17.6	19.247	0.124	80.5	68 70 245	23 2293
4161	8.0	10 55 1.89	+3.2196	−0.0140	+21 30 13.5	−19.254	−0.123	80.5	45 47 249	21 2271
4162	9.1	55 15.91	3.2280	0.0149	22 41 10.6	19.260	0.123	80.2	49 51 55	22 2299
4163	8.4	55 17.72	3.2091	0.0131	20 10 56.7	19.260	0.122	80.5	53 75 227	20 2546
4164	8.8	55 20.68	3.2323	0.0153	23 16 2.0	19.261	0.123	80.5	68 70 246	23 2297
4165	9.0	55 33.42	3.2272	0.0148	22 40 6.3	19.267	0.122	80.2	49 51 55	22 2300
4166	4.5	10 55 39.27	+3.2133	−0.0136	+20 51 0.1	−19.269	−0.122	80.5	53 75 227	20 2547
4167	8.4	55 40.18	3.2398	0.0160	24 20 47.2	19.269	0.123	80.5	64 66 249	24 2305
4168	9.1	55 55.07	3.2261	0.0148	22 38 26.2	19.275	0.122	80.2	5 Beob.[2]	22 2302
4169	8.9	56 15.13	3.2335	0.0156	23 42 41.4	19.283	0.121	80.5	64 66 250	23 2300
4170	9.0	56 16.68	3.2340	0.0156	23 47 38.7	19.284	0.121	80.5	68 70 246	23 2301
4171	8.8	10 56 36.45	+3.2352	−0.0158	+24 2 55.6	−19.292	−0.121	80.2	64 66	24 2308
4172	8.7	56 57.31	3.2064	0.0131	20 16 25.6	19.300	0.119	80.5	53 75 236	20 2552
4173	9.1	56 58.20	3.2236	0.0147	22 38 2.4	19.301	0.119	80.4	5 Beob.[3]	22 2305
4174	8.9	57 0.05	3.2086	0.0133	20 36 3.0	19.301	0.119	80.5	53 75 227	20 2553
4175	8.3	57 14.43	3.2319	0.0156	23 49 16.6	19.307	0.119	80.5	68 70 246	23 2303
4176	8.9	10 57 25.77	+3.2147	−0.0140	+21 33 42.9	−19.311	−0.118	80.5	45 47 249	21 2276
4177	8.4	58 30.21	3.2117	0.0139	21 28 42.1	19.337	0.116	80.5	45 47 250	21 2279
4178	9.2	58 31.91	3.2099	0.0137	21 13 39.0	19.337	0.116	80.5	45 47 236	21 2280
4179	8.9	58 35.78	3.2070	0.0134	20 50 26.8	19.339	0.115	80.5	53 75 85 227	20 2558
4180	8.6	59 9.34	3.2236	0.0151	23 20 22.1	19.352	0.115	80.5	68 70 246	23 2306
4181	9.2	10 59 19.52	+3.2156	−0.0144	+22 16 38.2	−19.356	−0.114	80.2	51 55 84 85	22 2311
4182	8.6	59 24.90	3.2344	0.0162	24 54 6.2	19.358	0.115	80.5	64 66 250	25 2338
4183	8.8	11 0 12.50	3.2132	0.0143	22 13 57.9	19.376	0.113	80.5	51 55 249	22 2313
4184	8.9	0 12.89	3.1975	0.0127	19 58 10.6	19.376	0.112	80.7	53 75 227 246	20 2559
4185	7.8	0 16.02	3.2056	0.0135	21 9 31.1	19.377	0.112	80.5	45 47 250	21 2282
4186	8.9	11 0 16.36	+3.2003	−0.0130	+20 23 35.6	−19.377	−0.112	80.5	53 75 227	20 2560
4187	8.7	0 31.79	3.2094	0.0140	21 47 23.6	19.383	0.112	80.2	64 66	21 2283
4188	8.3	0 49.76	3.2152	0.0146	22 43 42.3	19.390	0.111	80.2	51 55	22 2316
4189	7.3	0 50.52	3.2089	0.0140	21 49 35.7	19.390	0.111	80.2	64 66	21 2284
4190	8.6	0 55.97	3.2027	0.0134	20 56 56.2	19.392	0.111	80.2	64 66 84	21 2285
4191	6.2	11 0 58.08	+3.2239	−0.0155	+23 59 57.1	−19.393	−0.111	80.5	68 70 246	24 2318
4192	8.8	1 6.71	3.2147	0.0146	22 44 47.7	19.396	0.111	80.2	51 55	22 2317
4193	9.1	1 6.96	3.2032	0.0134	21 5 10.9	19.396	0.110	80.5	45 47 250	21 2286
4194	8.3	1 12.62	3.2208	0.0152	23 38 59.3	19.398	0.111	80.5	68 70 246	23 2308
4195	9.1	1 32.42	3.1990	0.0131	20 36 2.6	19.405	0.109	80.5	53 75 85 227	20 2561
4196	8.2	11 1 44.77	+3.2061	−0.0138	+21 43 3.5	−19.410	−0.109	80.2	45 47	21 2288
4197	8.4	1 48.09	3.2063	0.0139	21 45 34.9	19.411	0.109	80.2	64 66	21 2289
4198	8.9	2 13.65	3.2180	0.0151	23 36 18.2	19.420	0.109	80.5	68 70 246	23 2310
4199	9.1	2 13.90	3.1968	0.0130	20 29 20.5	19.421	0.108	80.5	53 75 227	20 2562
4200	8.6	2 17.72	3.1997	0.0133	20 56 4.0	19.422	0.108	80.6	83 84 249	21 2292

[1] Z. 53 75 84 85 227 [2] Z. 49 51 55 84 85 [3] Z. 49 51 55 85 227

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4201	9.0	11ʰ 2ᵐ 45ˢ.42	+3ˢ.2037	−0ˢ.0138	+21° 41′ 23″.3	−19″.432	−0″.107	80.5	45 47 250	21° 2293
4202	9.2	3 20.27	3.2065	0.0142	22 18 12.6	19.444	0.106	80.2	51 55 85	22 2323
4203	8.9	3 31.07	3.2062	0.0142	22 19 18.2	19.448	0.106	80.5	51 55 249	22 2324
4204	7.3	3 40.45	3.2129	0.0149	23 22 47.2	19.452	0.106	80.5	68 70 246	23 2313
4205	7.8	4 13.07	3.2025	0.0139	22 0 48.7	19.463	0.104	80.5	45 47 250	22 2326
4206	9.1	11 4 41.52	+3.2036	−0.0141	+22 20 39.6	−19.473	−0.103	80.2	49 51 55 85	22 2327
4207	8.5	5 33.85	3.2041	0.0143	22 44 4.2	19.491	0.102	80.2	51 55	22 2329
4208	9.2	5 41.09	3.1891	0.0128	20 25 31.8	19.494	0.101	80.5	53 75 85 227	20 2568
4209	8.9	5 52.80	3.2127	0.0154	24 11 4.2	19.498	0.101	80.5	68 70 246	24 2327
4210	9.4	5 58.96	3.1909	0.0130	20 48 36.4	19.500	0.100	80.2	64 66	20 2569
4211	9.2	11 6 47.25	+3.2130	−0.0156	+24 34 52.4	−19.516	−0.100	80.7	64 227	24 2331
4212	9.1	6 51.95	3.1918	0.0133	21 16 3.3	19.518	0.099	80.6	83 84 246	21 2297
4213	6.7[1]	7 6.76	3.1885	0.0129	20 48 45.7	19.523	0.098	80.8	53 75 249 250	20 2572
4214	7.8	7 26.05	3.2109	0.0155	24 31 22.9	19.529	0.098	80.2	64 66	24 2332
4215	**2.3**	**7 27.51**	**3.1901**	**0.0132**	**21 12 29.6**	**19.530**	**0.097**		**Fund. Cat.**	**21 2298**
4216	9.1	11 7 46.90	+3.1991	−0.0143	+22 47 18.5	−19.536	−0.097	80.8	85 236	22 2333
4217	7.7	7 47.12	3.1864	0.0128	20 42 39.9	19.536	0.097	80.7	53 75 242 249	20 2573
4218	8.4	8 10.00	3.1943	0.0138	22 9 21.1	19.544	0.096	80.8	85 236	22 2334
4219	5.5	8 33.23	3.2034	0.0149	23 46 35.0	19.551	0.096	80.5	68 70 231	23 2322
4220	8.8	8 35.87	3.1978	0.0143	22 54 0.9	19.552	0.095	80.2	64 66	23 2323
4221	9.1	11 8 44.46	+3.1975	−0.0143	+22 53 40.6	−19.555	−0.095	80.2	64 66	23 2324
4222	9.5	8 55.49	3.1925	0.0137	22 8 24.5	19.558	0.094	80.2	51 55	22 2336
4223	8.7	8 59.76	3.1814	0.0125	20 18 14.5	19.560	0.094	80.5	53 75 227	20 2577
4224	9.0	9 33.86	3.1846	0.0130	21 2 52.8	19.571	0.093	80.2	58 60 62	21 2301
4225	9.1	9 39.69	3.2075	0.0157	24 54 34.2	19.572	0.094	80.2	64 66	25 2359
4226	9.0	11 10 1.40	+3.1924	−0.0140	+22 33 39.9	−19.579	−0.092	80.3	83 84	22 2337
4227	9.3	10 10.43	3.1944	0.0142	22 57 13.7	19.582	0.092	80.7	68 70 242 246	23 2327
4228	8.4	10 29.59	3.1880	0.0135	21 59 42.9	19.588	0.091	80.6	83 84 227	22 2340
4229	8.4	10 46.95	3.1962	0.0146	23 30 36.5	19.594	0.091	80.2	68 70	23 2329
4230	9.2	10 50.55	3.1796	0.0126	20 40 6.9	19.595	0.090	80.8	5 Beob.[2]	20 2580
4231	8.8	11 11 20.70	+3.1869	−0.0136	+22 9 2.5	−19.604	−0.089	81.3	236 246	22 2342
4232	7.4	11 23.91	3.1909	0.0141	22 51 46.0	19.605	0.090	81.3	235 245	22 2343
4233	9.1	11 30.21	3.1807	0.0129	21 7 7.1	19.607	0.089	81.3	236 242 246	21 2303
4234	9.2	11 43.84	3.1782	0.0126	20 45 25.8	19.611	0.089	81.3	235 249	20 2581
4235	8.7	11 44.34	3.1850	0.0135	21 58 14.0	19.611	0.089	81.3	236 246	22 2344
4236	9.0	11 12 2.28	+3.2004	−0.0154	+24 46 14.7	−19.617	−0.089	81.2	227 245	24 2339
4237	7.8	12 58.72	3.1790	0.0130	21 24 30.1	19.634	0.086	81.0	84 236 246 250	21 2304
4238	9.1	13 3.35	3.1795	0.0131	21 31 31.9	19.635	0.086	81.2	227 231 242 249	21 2305
4239	8.9	13 15.46	3.1912	0.0146	23 43 8.5	19.639	0.086	80.5	68 70 249	23 2331
4240	9.2	13 18.10	3.1749	0.0126	20 46 43.6	19.639	0.085	80.5	53 75 235	20 2584
4241	9.1	11 13 23.89	+3.1899	−0.0145	+23 32 33.0	−19.641	−0.086	80.5	68 70 249	23 2332
4242	8.2	13 28.99	3.1844	0.0138	22 35 56.3	19.643	0.085	80.5	51 55 250	22 2347
4243	9.1	13 39.09	3.1766	0.0129	21 14 8.0	19.646	0.085	80.2	58 60 62	21 2306
4244	8.6	13 58.56	3.1927	0.0150	24 18 6.2	19.651	0.085	80.2	64 66	24 2344
4245	9.1	13 59.47	3.1700	0.0121	20 8 16.7	19.651	0.084	81.2	235	[20 2585]
4246	9.1	11 14 4.82	+3.1699	−0.0121	+20 9 39.8	−19.653	−0.084	80.5	53 75 235	20 2586
4247	9.0	14 6.51	3.1882	0.0144	23 33 53.8	19.654	0.084	80.5	68 70 231	23 2336
4248	9.0	14 9.93	3.1688	0.0120	19 58 10.9	19.655	0.083	80.8	84 236	20 2587
4249	9.3	14 10.39	3.1945	0.0152	24 42 50.8	19.655	0.084	81.2	227 242 246	24 2345
4250	9.0	14 20.43	3.1929	0.0151	24 31 6.4	19.658	0.084	80.5	64 66 250	24 2346

[1] Oblonga [2] Z. 53 75 231 235 250



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
4251	8.4	11h 14m 23s.41	+3s.1766	−0s.0130	+21° 32′ 32″.3	−19″.658	−0″.083	80.2	58 60 62	21° 2308
4252	9.1	14 53.86	3.1814	0.0138	22 40 23.5	19.667	0.082	80.5	51 55 242	22 2350
4253	9.1	15 12.88	3.1844	0.0142	23 22 11.8	19.673	0.082	80.5	68 70 231	23 2337
4254	9.0	15 20.55	3.1673	0.0120	20 9 26.5	19.675	0.081	80.5	53 75 235	20 2591
4255	9.2	15 37.13	3.1855	0.0145	23 45 50.6	19.679	0.081	80.8	64 227 250	23 2338
4256	9.0	11 15 55.26	+3.1877	−0.0148	+24 19 10.3	−19.684	−0.080	80.8	83 84 236 246	24 2348
4257	9.2	15 55.82	3.1835	0.0143	23 31 29.3	19.685	0.080	80.2	68 70 249	23 2340
4258	9.0	16 40.02	3.1706	0.0128	21 23 9.1	19.697	0.078	81.2	227 246	21 2312
4259	9.2	16 44.21	3.1665	0.0122	20 35 22.6	19.698	0.078	81.3	236 245	20 2594
4260	7.9	17 54.04	3.1675	0.0126	21 18 25.1	19.717	0.076	81.2	227 246	21 2314
4261	9.0	11 17 57.95	+3.1731	−0.0134	+22 27 55.9	−19.718	−0.076	81.3	236 245	22 2354
4262	8.7	18 8.28	3.1623	0.0120	20 20 19.0	19.721	0.075	81.3	236 246 249	20 2599
4263	8.6	18 31.75	3.1651	0.0125	21 6 22.7	19.727	0.075	80.2	58 60 62	21 2316
4264	8.5	18 39.40	3.1604	0.0119	20 10 15.6	19.729	0.074	81.2	227 235 246	20 2600
4265	8.4	19 7.44	3.1618	0.0122	20 41 30.1	19.736	0.073	80.5	53 75 236	20 2601
4266	9.2	11 19 9.16	+3.1755	−0.0141	+23 32 34.6	−19.737	−0.074	80.5	68 70 231	23 2347
4267	7.1	19 34.06	3.1738	0.0140	23 23 41.1	19.743	0.073	80.5	68 70 235	23 2349
4268	8.5	19 39.96	3.1625	0.0124	21 5 10.6	19.744	0.072	80.2	58 60 62	21 2317
4269	7.9	19 53.77	3.1626	0.0125	21 12 26.6	19.748	0.072	80.5	53 75 227	21 2318
4270	8.9	20 5.12	3.1683	0.0133	22 31 2.1	19.751	0.072	80.5	51 55 242	22 2358
4271	8.5	11 20 7.58	+3.1672	−0.0132	+22 18 21.9	−19.751	−0.072	80.5	64 66 249	22 2359
4272	8.2	20 28.67	3.1675	0.0133	22 32 42.8	19.757	0.071	80.2	51 55	22 2362
4273	8.9	20 50.28	3.1735	0.0143	24 0 32.7	19.762	0.070	80.5	68 70 231	24 2357
4274	9.1	20 57.03	3.1766	0.0148	24 43 6.9	19.764	0.070	81.2	227 236 245 246	} 24 2360
4275	9.0	20 57.67	3.1766	0.0148	24 43 56.0	19.764	0.070	80.2	64 66	
4276	9.0	11 21 21.34	+3.1768	−0.0150	+24 59 39.4	−19.770	−0.069	80.5	64 66 242	25 2381
4277	8.6	21 33.42	3.1711	0.0142	23 52 43.1	19.773	0.069	80.5	68 70 231	23 2353
4278	8.4	21 38.57	3.1566	0.0121	20 45 19.8	19.774	0.068	80.2	58 60 62	20 2607
4279	8.7	22 21.98	3.1546	0.0119	20 38 30.4	19.784	0.067	80.2	58 60 62	20 2608
4280	9.3	22 52.77	3.1599	0.0129	22 7 43.3	19.792	0.066	80.6	51 55 231 249	22 2364
4281	9.4	11 23 25.88	+3.1506	−0.0116	+20 15 22.9	−19.799	−0.065	80.5	53 75 227	20 2610
4282	9.2	23 34.50	3.1634	0.0136	23 17 57.8	19.801	0.065	80.5	68 70 246	23 2355
4283	8.9	23 43.24	3.1598	0.0131	22 33 51.6	19.804	0.064	80.5	51 55 242	22 2365
4284	9.2	23 56.93	3.1506	0.0118	20 30 55.5	19.807	0.064	80.2	58 60 62	20 2612
4285	9.1	24 13.71	3.1602	0.0133	22 56 44.2	19.810	0.063	80.5	51 55 249	23 2356
4286	7.8	11 24 47.49	+3.1612	−0.0137	+23 30 29.2	−19.818	−0.062	80.5	68 70 246	23 2358
4287	8.7	25 9.82	3.1648	0.0144	24 33 39.8	19.823	0.061	80.5	64 66 249	24 2364
4288	6.6	25 17.44	3.1663	0.0147	25 0 3.8	19.825	0.061	80.2	64 66	25 2388
4289	9.3	25 24.07	3.1597	0.0136	23 29 51.8	19.826	0.061	80.8	5 Beob.[1]	23 2360
4290	9.1	25 28.03	3.1556	0.0130	22 33 2.0	19.827	0.061	80.5	51 55 249	22 2371
4291	9.0[2]	11 26 2.70	+3.1643	−0.0147	+25 0 52.1	−19.835	−0.060	80.2	64 66	25 2389
4292	8.3	26 30.12	3.1440	0.0114	20 13 29.5	19.840	0.058	80.7	53 227	20 2616
4293	8.9	26 48.49	3.1512	0.0127	22 16 4.8	19.844	0.058	80.5	51 55 242	22 2374
4294	7.3	26 57.56	3.1436	0.0115	20 22 13.2	19.846	0.057	80.2	53 58 60 62	20 2618
4295	8.9	27 13.28	3.1426	0.0114	20 15 9.6	19.849	0.057	80.7	53 227	20 2619
4296	8.7	11 27 39.23	+3.1510	−0.0129	+22 42 50.2	−19.855	−0.056	80.5	51 55 242	22 2375
4297	8.9	27 49.41	3.1539	0.0135	23 34 38.0	19.857	0.056	80.7	68 70 246 249	23 2361
4298	8.7	28 5.88	3.1550	0.0138	24 2 25.2	19.860	0.055	80.5	68 70 246	24 2369
4299	9.3	28 12.36	3.1425	0.0117	20 47 50.9	19.862	0.055	80.2	58 60 62	20 2620
4300	6.7	28 32.36	3.1430	0.0119	21 7 56.5	19.866	0.054	80.2	58 60 62	21 2331

[1] Z. 68 70 227 235 246 [2] Com. 9m.5 pr. 1s 10″ A.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4301	8.6	11ʰ 28ᵐ 34ˢ.88	+3ˢ.1397	−0ˢ.0113	+20° 16′ 5″.2	−19″.866	−0″.054	80.5	53 75 249	20° 2621
4302	8.9	29 5.06	3.1559	0.0144	24 57 39.3	19.872	0.053	80.5	64 66 236	25 2392
4303	8.5	29 12.72	3.1534	0.0140	24 23 39.8	19.874	0.053	80.2	64 66	24 2371
4304	8.7	29 16.71	3.1401	0.0116	20 47 45.5	19.874	0.053	80.2	58 60 62	20 2622
4305	9.1	30 6.82	3.1431	0.0124	22 9 50.1	19.884	0.051	80.2	55	[22 2379]
4306	8.7	11 30 7.35	+3.1463	−0.0130	+23 4 50.7	−19.884	−0.051	80.5	68 70 246	23 2365
4307	9.0	30 8.42	3.1435	0.0125	22 17 41.2	19.884	0.051	80.5	51 55 235	22 2380
4308	8.7 [1]	30 9.99	3.1429	0.0124	22 9 45.7	19.885	0.051	80.7	51 236	22 2381
4309	9.0	30 13.79	3.1413	0.0121	21 45 0.6	19.885	0.051	80.5	64 66 249	21 2333
4310	9.2	30 20.37	3.1393	0.0118	21 14 3.8	19.887	0.051	80.4	58 60 62 236	21 2335
4311	9.4	11 30 23.43	+3.1358	−0.0112	+20 15 53.7	−19.887	−0.050	80.5	53 75 227	20 2626
4312	9.2	31 10.26	3.1357	0.0114	20 43 34.6	19.896	0.049	80.2	58 60 62	20 2627
4313	8.7	31 10.91	3.1413	0.0125	22 23 1.8	19.896	0.049	80.2	51 55	22 2383
4314	8.1	31 22.34	3.1410	0.0125	22 26 11.8	19.898	0.049	80.2	64 66	22 2384
4315	9.0	31 28.19	3.1338	0.0112	20 20 54.3	19.899	0.048	81.2	227 246	20 2629
4316	8.9	11 31 29.55	+3.1327	−0.0110	+20 1 2.7	−19.899	−0.048	80.8	53 227 235	20 2628
4317	8.0	31 40.42	3.1407	0.0126	22 33 50.0	19.901	0.048	81.2	227 246	22 2385
4318	8.6	31 50.48	3.1455	0.0136	24 6 6.3	19.903	0.048	80.5	68 70 249	24 2373
4319	8.3	31 57.18	3.1342	0.0114	20 47 33.2	19.904	0.047	80.2	5 Beob. [2]	20 2631
4320	7.0	32 12.17	3.1443	0.0135	24 1 18.2	19.907	0.047	80.5	68 70 249	24 2374
4321	8.6	11 32 23.59	+3.1455	−0.0138	+24 29 53.5	−19.909	−0.047	80.2	64 66	24 2375
4322	8.9	32 37.76	3.1307	0.0110	20 9 53.3	19.911	0.046	80.7	53 75 231 236	20 2632
4323	7.9 [3]	33 0.93	3.1357	0.0121	22 0 18.9	19.915	0.045	80.5	51 55 236	22 2387
4324	9.1	33 16.30	3.1408	0.0133	23 46 36.8	19.918	0.045	80.5	68 70 235	23 2370
4325	9.0	33 34.35	3.1434	0.0140	24 48 42.0	19.921	0.044	80.5	64 66 249	24 2377
4326	6.6	11 33 38.26	+3.1418	−0.0137	+24 24 2.2	−19.922	−0.044	80.5	64 66 246	24 2378
4327	8.8	33 43.74	3.1343	0.0121	22 4 45.3	19.923	0.044	81.2	227 231	22 2389
4328	8.6	33 43.85	3.1412	0.0136	24 16 40.5	19.923	0.044	81.3	236 246	24 2379
4329	9.2	33 43.98	3.1304	0.0113	20 49 44.1	19.923	0.044	80.2	58 60 62	20 2636
4330	9.0	33 46.86	3.1285	0.0109	20 13 34.1	19.923	0.044	80.5	53 75 235	20 2637
4331	8.8	11 33 54.64	+3.1408	−0.0136	+24 17 31.1	−19.924	−0.044	81.3	236 242 246	24 2380
4332	9.1	34 7.58	3.1364	0.0128	23 3 50.5	19.927	0.043	80.5	68 70 235	23 2373
4333	8.1 [4]	34 8.22	3.1322	0.0119	21 43 46.2	19.927	0.043	81.2	227 231 249	21 2342
4334	5.4	34 16.96	3.1329	0.0121	22 2 49.1	19.928	0.043	80.2	51 55	22 2391
4335	9.4	35 4.18	3.1264	0.0110	20 27 18.8	19.936	0.041	80.7	53 75 242 245	20 2640
4336	8.4	11 35 4.74	+3.1257	−0.0108	+20 13 26.0	−19.936	−0.041	81.2	227 235 246	20 2641
4337	8.6	35 9.46	3.1280	0.0114	21 5 56.6	19.937	0.041	80.2	58 60 62	21 2343
4338	8.4	35 26.06	3.1364	0.0134	24 8 37.1	19.939	0.040	80.2	64 66	24 2383
4339	9.2	35 32.72	3.1308	0.0122	22 21 53.9	19.940	0.040	80.5	51 55 242	22 2394
4340	6.9	35 35.53	3.1323	0.0126	22 54 21.6	19.941	0.040	80.5	68 70 231	23 2375
4341	8.8	11 35 58.93	+3.1363	−0.0137	+24 35 47.5	−19.944	−0.039	80.5	64 66 231	24 2384
4342	8.4	36 20.58	3.1273	0.0118	21 46 27.8	19.947	0.038	81.2	227 246	21 2345
4343	9.0	36 34.49	3.1245	0.0112	20 57 52.9	19.950	0.038	80.2	58 60 62	21 2346
4344	8.3	36 46.57	3.1243	0.0113	21 3 49.7	19.951	0.038	80.2	58 60 62	21 2347
4345	7.0	37 16.68	3.1331	0.0136	24 42 14.6	19.956	0.037	80.2	64 66	24 2386
4346	9.2	11 37 24.48	+3.1330	−0.0137	+24 46 31.7	−19.957	−0.036	80.5	64 66 246	24 2387
4347	8.3	37 58.54	3.1243	0.0118	22 4 17.9	19.962	0.035	80.5	51 55 249	22 2396
4348	9.2	38 2.57	3.1254	0.0121	22 34 0.8	19.962	0.035	80.5	51 55 242	22 2397
4349	8.9	38 5.28	3.1266	0.0125	23 4 17.1	19.963	0.035	80.5	68 70 249	23 2380
4350	9.1	38 10.82	3.1309	0.0136	24 45 39.1	19.963	0.035	80.2	64 66	24 2388

[1] Z. 51 dupl.? [2] Z. 53 58 60 62 75 [3] Z. 236 com. 9ᵐ.5 1″-2″? [4] Dupl. 3″-4″ maj. austr.



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4351	8.7	11^h 38^m 12^s.98	+3^s.1226	−0^s.0115	+21° 37′ 47″.1	−19″.964	−0″.035	81.2	227 246	21° 2348
4352	9.1	38 32.77	3.1258	0.0125	23 12 15.3	19.966	0.034	80.2	51 55 68 70	23 2382
4353	8.1	38 32.93	3.1182	0.0106	20 11 38.1	19.966	0.034	80.5	53 75 227	20 2644
4354	7.8	38 52.02	3.1185	0.0108	20 35 4.7	19.969	0.033	80.7	53 75 231 236	20 2645
4355	7.8	39 40.64	3.1177	0.0110	21 0 47.9	19.975	0.032	80.2	58 60 62	21 2353
4356	8.8	11 40 10.26	+3.1173	−0.0112	+21 17 17.4	−19.979	−0.031	80.2	58 60 62	21 2354
4357	9.0	40 13.63	3.1252	0.0134	24 40 19.8	19.980	0.031	80.2	64 66	24 2392
4358	9.4	40 14.18	3.1156	0.0108	20 37 9.6	19.980	0.031	80.6	53 75 227 236	20 2647
4359	9.1	40 16.65	3.1213	0.0124	23 8 19.5	19.980	0.031	80.2	51 55	23 2385
4360	9.0	40 16.67	3.1236	0.0130	24 6 8.2	19.980	0.031	80.5	68 70 249	24 2393
4361	6.3	11 40 32.15	+3.1237	−0.0132	+24 24 51.7	−19.982	−0.030	80.2	64 66	24 2394
4362	7.9	40 43.09	3.1131	0.0103	20 0 1.2	19.983	0.030	80.5	53 75 242	20 2648
4363	7.2	41 0.03	3.1141	0.0108	20 43 37.4	19.985	0.029	81.3	235 246	20 2650
4364	9.2	41 2.44	3.1141	0.0108	20 44 44.7	19.986	0.029	81.3	235 246	20 2651
4365	8.8	41 31.69	3.1134	0.0109	20 56 3.4	19.989	0.028	81.2	231 236	21 2357
4366	4.8	11 41 32.07	+3.1134	−0.0109	+20 54 49.0	−19.989	−0.028	81.2	227 231	21 2358
4367	9.2	41 36.05	3.1221	0.0135	24 56 18.2	19.990	0.028	80.2	64 66	25 2420
4368	9.0	41 57.84	3.1106	0.0103	20 4 1.3	19.992	0.027	80.2	53 75	20 2652
4369	8.9	42 22.36	3.1128	0.0112	21 33 49.8	19.995	0.026	81.3	235 246	21 2360
4370	8.6	42 23.98	3.1120	0.0110	21 11 59.7	19.995	0.026	81.2	231 235	21 2361
4371	8.6	11 42 54.95	+3.1094	−0.0105	+20 29 3.5	−19.999	−0.025	80.2	53 75	20 2654
4372	9.0	43 0.84	3.1147	0.0122	23 11 30.7	19.999	0.025	80.2	64 66	23 2392
4373	8.8	43 16.09	3.1132	0.0119	22 47 2.7	20.001	0.025	81.2	231 236 242	22 2407
4374	9.0	43 37.30	3.1105	0.0113	21 47 42.5	20.003	0.024	81.3	235 246	21 2364
4375	8.8	43 39.87	3.1104	0.0113	21 51 5.4	20.003	0.024	81.3	235 246	21 2365
4376	8.4	11 43 40.33	+3.1087	−0.0107	+20 58 54.3	−20.003	−0.024	80.2	58 60 62	21 2366
4377	8.9	43 51.36	3.1105	0.0115	22 8 32.0	20.005	0.023	81.3	236 242 245	22 2409
4378	9.3	44 23.81	3.1120	0.0124	23 37 50.9	20.008	0.022	80.7	68 70 231 242	23 2394
4379	8.6	44 36.50	3.1111	0.0122	23 26 19.3	20.009	0.022	80.6	64 66 255	23 2396
4380	9.0	45 42.77	3.1079	0.0120	23 9 10.1	20.015	0.020	81.2	227 246	23 2397
4381	7.8	11 46 4.67	+3.1036	−0.0106	+21 6 15.6	−20.017	−0.019	80.2	58 60 62	21 2367
4382	8.9	46 5.46	3.1073	0.0121	23 24 28.1	20.017	0.019	80.7	68 70 231 235	23 2399
4383	9.2	46 7.66	3.1052	0.0113	22 11 40.7	20.018	0.019	81.2	227 246	22 2414
4384	9.1	46 25.49	3.1083	0.0128	24 28 35.7	20.019	0.018	80.5	64 66 235	24 2403
4385	9.1	46 26.41	3.1080	0.0127	24 21 10.7	20.019	0.018	80.6	64 66 255	24 2402
4386	9.2	11 46 53.01	+3.1016	−0.0105	+21 0 53.6	−20.021	−0.017	80.2	58 60 62	21 2371
4387	9.0	47 0.10	3.1054	0.0122	23 38 36.0	20.022	0.017	80.7	68 70 227 231	23 2401
4388	8.4	47 26.59	3.1004	0.0105	21 1 56.9	20.024	0.016	80.2	58 60 62	21 2372
4389	9.2	47 30.52	3.1028	0.0116	22 46 19.0	20.024	0.016	81.0	66 235 246	22 2418
4390	8.8	47 32.06	3.1004	0.0106	21 11 8.0	20.025	0.016	80.2	58 60 62	21 2373
4391	8.9	11 47 34.93	+3.1035	−0.0120	+23 20 21.7	−20.025	−0.016	80.5	68 70 231	23 2402
4392	8.9	48 6.30	3.1039	0.0127	24 30 27.8	20.027	0.015	80.5	64 66 252	24 2405
4393	7.9	48 9.50	3.0975	0.0099	20 6 26.2	20.027	0.015	80.5	53 75 242	20 2658
4394	8.0	48 12.52	3.0974	0.0099	20 7 26.1	20.028	0.015	80.6	53 75 235 242	20 2659
4395	9.2	48 19.95	3.0993	0.0109	21 42 58.8	20.028	0.014	81.2	227 236 242 245	21 2374
4396	9.0	11 49 12.12	+3.0988	−0.0115	+22 51 21.2	−20.032	−0.013	81.3	227 246 255	22 2419
4397	8.2	49 16.61	3.0992	0.0118	23 20 18.9	20.032	0.013	80.5	68 70 252	23 2404
4398	9.0	49 21.60	3.0991	0.0118	23 22 48.0	20.033	0.012	80.8	68 70 235 255	23 2405
4399	8.0	49 35.11	3.0976	0.0114	22 40 39.9	20.034	0.012	81.2	227 246	} 22 2421
4400	9.1	49 35.99	3.0976	0.0114	22 40 42.9	20.034	0.012	81.2	227 246	}

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4401	9.0	11h 49m 36s.76	+3s.0994	−0s.0123	+24° 10′ 12″.3	−20″.034	−0″.012	80.5	64 66 242	24° 2407
4402	8.8	50 33.44	3.0971	0.0123	24 18 4.5	20.037	0.010	80.5	64 66 231	24 2409
4403	8.1	50 52.59	3.0952	0.0117	23 21 21.4	20.038	0.009	80.5	68 70 231	23 2407
4404	8.5	50 53.35	3.0955	0.0119	23 40 21.4	20.038	0.009	81.2	231 235	23 2408
4405	8.1	51 6.60	3.0918	0.0100	20 40 40.4	20.039	0.009	80.2	58 60 62	20 2661
4406	9.0	11 51 19.06	+3.0931	−0.0111	+22 22 20.9	−20.040	−0.008	81.2	227 246	22 2423
4407	9.1	51 50.74	3.0933	0.0120	23 53 5.5	20.042	0.007	80.5	68 70 231	24 2414
4408	8.2	51 52.95	3.0918	0.0111	22 28 20.4	20.042	0.007	81.2	227 246	22 2425
4409	8.7	52 40.70	3.0918	0.0124	24 36 9.9	20.044	0.006	80.6	64 66 255	24 2416
4410	9.0	52 51.37	3.0895	0.0110	22 27 23.1	20.044	0.005	81.2	227 246	22 2426
4411	9.0	11 52 59.58	+3.0873	−0.0096	+20 15 14.0	−20.045	−0.005	80.5	53 75 235	20 2662
4412	8.8	53 0.90	3.0883	0.0104	21 33 56.2	20.045	0.005	80.2	58 60 62	21 2379
4413	9.0	53 32.26	3.0895	0.0123	24 38 25.2	20.046	0.004	80.6	64 66 255	24 2417
4414	7.0	53 40.57	3.0858	0.0095	20 6 58.3	20.047	0.004	80.5	53 75 235	20 2664
4415	8.9	54 0.06	3.0860	0.0103	21 26 36.7	20.047	0.003	80.2	58 60 62	21 2381
4416	9.0	11 54 1.36	+3.0872	−0.0114	+23 14 56.9	−20.047	−0.003	80.5	68 70 231	23 2411
4417	9.0	54 33.63	3.0855	0.0110	22 38 47.1	20.049	0.002	81.2	227 246	22 2429
4418	9.0	54 44.52	3.0862	0.0122	24 31 49.4	20.049	0.002	80.6	64 66 255	24 2418
4419	9.4	54 45.21	3.0862	0.0122	24 33 27.2	20.049	0.002	81.3	255	[24 2419]
4420	8.9	54 46.77	3.0839	0.0100	20 59 41.3	20.049	0.002	80.2	58 60 62	21 2382
4421	7.5	11 54 53.04	+3.0861	−0.0124	+24 54 48.5	−20.049	−0.001	80.2	64 66	25 2448
4422	7.0	55 20.05	3.0837	0.0110	22 47 26.9	20.050	−0.001	80.7	68 70 246 252	22 2430
4423	9.0	55 29.06	3.0821	0.0096	20 26 44.8	20.050	0.000	80.5	53 75 227	20 2667
4424	9.0	55 47.91	3.0821	0.0104	21 49 22.7	20.051	0.000	81.2	227 231	21 2383
4425	9.1	55 56.40	3.0816	0.0102	21 29 14.0	20.051	+0.001	80.2	58 60 62	21 2384
4426	8.7	11 55 58.29	+3.0808	−0.0092	+19 58 10.8	−20.051	+0.001	80.2	53 75	20 2670
4427	9.1	56 2.43	3.0810	0.0098	20 49 8.9	20.051	0.001	80.2	58 60 62	20 2671
4428	8.4	56 5.42	3.0817	0.0107	22 26 34.8	20.051	0.001	81.3	235 252	22 2434
4429	9.1	56 29.98	3.0817	0.0122	24 52 23.0	20.052	0.002	80.6	64 66 236 242	24 2420
4430	8.4	57 25.84	3.0777	0.0092	20 4 50.4	20.053	0.004	81.2	231 235	20 2676
4431	8.4	11 57 48.52	+3.0782	−0.0121	+24 48 56.6	−20.053	+0.004	81.3	236 242 252	24 2422
4432	8.2	57 52.27	3.0773	0.0104	22 9 18.0	20.053	0.004	81.2	227 231	} 22 2437
4433	6.2	57 52.49	3.0773	0.0104	22 9 19.6	20.053	0.004	81.2	227 231	}
4434	8.5	58 40.64	3.0752	0.0096	20 55 13.8	20.054	0.006	80.2	58 60 62	21 2388
4435	8.8	58 45.89	3.0749	0.0092	20 15 6.7	20.054	0.006	81.2	231 235	20 2678
4436	9.0	11 58 48.86	+3.0748	−0.0093	+20 19 57.0	−20.054	+0.006	80.2	58 60 62	20 2679
4437	8.7	59 8.02	3.0743	0.0101	21 41 46.0	20.054	0.007	81.3	235 255	21 2389
4438	9.1	59 14.59	3.0742	0.0111	23 26 35.5	20.054	0.007	81.3	242 255	23 2413
4439	8.7	59 17.68	3.0739	0.0104	22 14 38.4	20.054	0.007	81.3	242 252	22 2438
4440	7.8	59 37.71	3.0732	0.0114	23 54 3.5	20.054	0.008	81.3	235 252	24 2424
4441	8.4	12 0 32.88	+3.0710	−0.0096	+21 11 19.4	−20.054	+0.010	80.2	58 60 62	21 2392
4442	8.9	0 38.47	3.0708	0.0100	21 46 47.0	20.054	0.010	80.6	89 91 235	21 2393
4443	8.0	0 59.87	3.0701	0.0089	20 2 57.3	20.054	0.011	80.2	58 60 62	20 2683
4444	7.9	1 5.93	3.0694	0.0112	23 44 17.2	20.054	0.011	80.8	68 70 242 255	23 2417
4445	9.1	1 35.03	3.0688	0.0090	20 11 53.6	20.054	0.012	80.2	58 60 62	20 2686
4446	9.1	12 1 40.17	+3.0678	−0.0115	+24 23 53.5	−20.054	+0.012	80.2	64 66	24 2428
4447	9.1	1 45.43	3.0679	0.0106	22 56 37.6	20.054	0.012	80.5	68 70 252	23 2420
4448	8.9	1 45.96	3.0675	0.0116	24 35 11.7	20.054	0.012	80.2	64 66	24 2429
4449	9.0	2 35.67	3.0660	0.0103	22 29 0.2	20.053	0.014	80.6	89 91 242	22 2442
4450	9.1	3 10.42	3.0641	0.0110	23 49 8.3	20.052	0.015	80.5	68 70 252	23 2422

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4451	9.5	12h 3m 16s.62	+3s.0633	−0s.0117	+24° 57′ 48″.9	−20″.052	+0″.015	81.2	231	— —
4452	8.1	3 37.96	3.0631	0.0107	23 20 7.5	20.052	0.016	80.3	70 93 97	23° 2423
4453	8.6	3 44.57	3.0621	0.0117	24 57 23.1	20.052	0.016	80.5	64 66 235	25 2468
4454	9.0	3 54.96	3.0635	0.0092	20 50 36.5	20.051	0.016	80.2	58 60 62	20 2689
4455	7.9	4 36.35	3.0605	0.0108	23 33 35.9	20.050	0.018	80.3	68 70 93 97	23 2426
4456	8.9	12 4 42.60	+3.0594	−0.0116	+25 0 55.1	−20.050	+0.018	80.6	64 66 255	25 2470
4457	9.1	4 52.20	3.0597	0.0109	23 50 34.7	20.050	0.018	80.3	89 91	23 2428
4458	7.5	5 0.19	3.0597	0.0106	23 17 21.8	20.049	0.018	80.3	89 91	23 2429
4459	8.7	5 5.27	3.0591	0.0109	23 55 26.5	20.049	0.019	80.6	93′ 97 255	24 2433
4460	6.1	5 24.42	3.0582	0.0110	24 1 7.6	20.049	0.019	80.5	64 66 242	24 2436
4461	9.2	12 5 30.75	+3.0598	−0.0092	+21 5 31.8	−20.048	+0.019	80.2	58 60 62	21 2396
4462	8.5	5 40.28	3.0577	0.0108	23 47 22.8	20.048	0.020	80.5	68 70 252	23 2431
4463	4.9	5 47.81	3.0591	0.0093	21 14 16.9	20.048	0.020	80.5	58 60 62 231	21 2398
4464	8.3	6 2.94	3.0591	0.0088	20 29 56.4	20.047	0.020	81.3	235 252	20 2693
4465	8.4	6 34.82	3.0568	0.0096	21 54 31.2	20.046	0.021	80.3	89 91	22 2450
4466	9.2	12 6 45.26	+3.0553	−0.0104	+23 19 54.8	−20.046	+0.022	80.3	68 70 95 99	23 2432
4467	7.9	6 56.91	3.0553	0.0101	22 43 17.4	20.045	0.022	80.6	89 91 255	22 2451
4468	9.0	7 9.44	3.0537	0.0108	23 57 28.8	20.044	0.023	80.2	64 66	24 2439
4469	8.0	7 23.18	3.0534	0.0106	23 35 1.0	20.044	0.023	80.2	64 66	23 2433
4470	8.9	7 24.40	3.0548	0.0096	21 59 34.9	20.044	0.023	80.4	93 97	22 2453
4471	9.2	12 7 26.37	+3.0543	−0.0098	+22 24 52.8	−20.044	+0.023	80.6	89 91 252	22 2452
4472	7.5	8 7.27	3.0508	0.0110	24 21 39.5	20.042	0.024	80.4	93 97	24 2441
4473	8.8	8 33.01	3.0542	0.0083	19 56 7.5	20.040	0.025	80.4	93 97	20 2698
4474	8.8	8 33.35	3.0536	0.0086	20 29 12.1	20.040	0.025	80.2	58 60 62	20 2699
4475	8.9	8 53.92	3.0503	0.0100	22 56 25.5	20.039	0.026	80.3	89 91	23 2436
4476	5	12 10 1.00	+3.0455	−0.0110	+24 38 25.5	−20.035	+0.028	80.4	93 97	24 2443
4477	8.5	10 8.64	3.0470	0.0101	23 7 21.9	20.035	0.028	80.3	89 91	23 2438
4478	8.1	11 0.06	3.0451	0.0099	22 54 12.5	20.031	0.030	80.3	89 91	23 2441
4479	8.8	11 25.34	3.0442	0.0098	22 51 46.0	20.029	0.031	80.3	89 91	22 2456
4480	8.7	11 34.39	3.0428	0.0102	23 32 53.7	20.029	0.031	80.4	93 97	23 2442
4481	8.9	12 11 41.59	+3.0459	−0.0088	+21 6 56.1	−20.028	+0.031	80.2	58 60 62	21 2406
4482	8.7	11 48.40	3.0430	0.0098	23 0 33.0	20.028	0.031	80.6	89 91 255	23 2444
4483	8.7	11 51.31	3.0423	0.0101	23 24 37.5	20.027	0.032	80.4	93 97	23 2445
4484	8.6	12 17.07	3.0406	0.0103	23 48 53.5	20.025	0.032	80.4	93 97	23 2447
4485	9.0	12 23.00	3.0428	0.0093	22 12 26.5	20.025	0.033	81.3	231 235 252	22 2459
4486	8.6	12 12 24.65	+3.0441	−0.0088	+21 14 16.5	−20.025	+0.033	80.2	58 60 62	21 2408
4487	9.1	12 31.04	3.0382	0.0110	24 59 10.0	20.024	0.033	80.6	95 99 255	25 2485
4488	8.7	12 32.42	3.0446	0.0084	20 40 50.7	20.024	0.033	80.2	58 60 62	20 2703
4489	8.4	12 39.34	3.0390	0.0105	24 15 47.0	20.024	0.033	80.4	95 99	24 2445
4490	6.8	13 0.27	3.0389	0.0102	23 43 45.1	20.022	0.034	80.4	93 97	23 2448
4491	8.9	12 13 1.96	+3.0404	−0.0096	+22 42 7.4	−20.022	+0.034	80.6	89 91 231	22 2461
4492	8.3	13 6.24	3.0395	0.0099	23 13 19.4	20.021	0.034	81.3	235 252	23 2449
4493	8.7	13 9.82	3.0365	0.0109	24 58 43.8	20.021	0.034	80.4	95 99	25 2488
4494	9.2	13 30.94	3.0360	0.0107	24 40 42.0	20.019	0.035	80.6	95 99 255	24 2446
4495	9.1	13 56.47	3.0397	0.0090	21 48 10.4	20.017	0.036	80.6	89 91 242	21 2410
4496	9.1	12 14 14.50	+3.0389	−0.0090	+21 51 12.5	−20.016	+0.036	81.2	231 235 242	21 2411
4497	8.3	14 18.87	3.0406	0.0083	20 45 35.3	20.015	0.036	80.2	58 60 62	20 2708
4498	8.7[1]	14 24.06	3.0355	0.0100	23 36 33.5	20.015	0.036	80.6	93 97 252	23 2451
4499	8.6	14 29.10	3.0330	0.0108	24 54 39.1	20.014	0.037	80.6	95 99 255	25 2492
4500	8.6	14 31.65	3.0331	0.0107	24 47 50.9	20.014	0.037	81.2	231 242	24 2448

[1] Dupl. maj. (Com. <9m 7s-8s)



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4501	9.0	12h 15m 9s.73	+3s.0362	−0s.0091	+22° 12′ 2″.6	−20″.010	+0″.038	80.3	89 91	22° 2462
4502	8.2	15 20.42	3.0361	0.0090	22 0 9.4	20.009	0.038	80.6	89 91 252	22 2463
4503	7.9	15 26.56	3.0348	0.0093	22 33 58.3	20.009	0.038	80.6	93 97 255	22 2464
4504	8.3	16 6.69	3.0321	0.0096	23 9 29.1	20.005	0.040	80.3	89 91	23 2453
4505	8.0	16 23.39	3.0359	0.0082	20 50 35.4	20.003	0.040	80.2	58 60 62	20 2713
4506	9.1	12 16 29.20	+3.0303	−0.0098	+23 34 4.0	−20.002	+0.040	80.6	93 97 242	23 2455
4507	8.1	17 2.15	3.0354	0.0079	20 21 17.1	19.999	0.041	80.6	95 99 252	20 2715
4508	9.2	17 11.70	3.0338	0.0083	20 59 12.0	19.998	0.042	80.5	58 60 62 231	21 2415
4509	8.7	17 17.63	3.0271	0.0101	24 7 20.3	19.997	0.042	80.6	93 97 252	24 2451
4510	8.5	17 46.29	3.0247	0.0103	24 40 31.8	19.994	0.043	80.6	95 99 255	24 2452
4511	9.0	12 18 0.72	+3.0250	−0.0101	+24 12 54.4	−19.992	+0.043	80.6	93 97 242	24 2453
4512	8.6	18 13.41	3.0275	0.0092	22 51 40.8	19.991	0.044	80.3	89 91	22 2467
4513	8.1	18 47.04	3.0244	0.0096	23 37 26.4	19.987	0.045	81.2	231 235	23 2458
4514	5.5	18 57.78	3.0216	0.0102	24 37 13.7	19.986	0.045	81.2	231 235	24 2455
4515	8.5	19 5.56	3.0229	0.0098	23 55 19.6	19.985	0.045	80.6	93 97 255	24 2457
4516	8.9	12 19 8.99	+3.0273	−0.0087	+21 57 31.3	−19.984	+0.045	80.2	58 60 62	22 2470
4517	9.3	19 18.33	3.0256	0.0090	22 31 50.7	19.983	0.046	80.6	89 91 242	22 2471
4518	7.6	19 22.81	3.0219	0.0098	24 2 36.1	19.983	0.046	81.2	231 235	24 2458
4519	9.5	21 18.26	3.0269	0.0074	20 3 10.7	19.968	0.050	80.5	58 60 62 252	20 2722
4520	8.3	21 18.99	3.0146	0.0102	24 55 10.6	19.968	0.049	80.4	93 97	25 2508
4521	7.6	12 21 48.57	+3.0234	−0.0079	+21 2 46.5	−19.964	+0.050	80.2	58 60 62	21 2422
4522	7.8	22 28.79	3.0229	0.0077	20 38 39.7	19.958	0.052	81.2	231 235	20 2725
4523	8.7	22 31.90	3.0174	0.0088	22 41 44.1	19.957	0.052	80.3	89 91	22 2476
4524	9.1	23 7.60	3.0232	0.0073	20 0 24.1	19.952	0.053	81.3	235 252	20 2727
4525	6.2	23 11.79	3.0098	0.0100	24 48 0.7	19.952	0.053	80.4	95 99	24 2464
4526	**6.0**	**12 23 26.44**	**+3.0182**	**−0.0081**	**+21 35 18.6**	**−19.949**	**+0.054**		**Fund. Cat.**	**21 2424**
4527	8.2	23 40.86	3.0078	0.0100	25 1 51.3	19.947	0.054	80.4	95 99	25 2513
4528	8.7	23 51.48	3.0216	0.0072	20 1 58.9	19.946	0.054	81.3	235 252	20 2728
4529	7.8	24 4.54	3.0138	0.0086	22 38 25.9	19.944	0.055	81.2	231 235	22 2478
4530	8.3	24 5.61	3.0123	0.0089	23 7 4.6	19.944	0.055	81.3	238 242 248	23 2465
4531	8.3	12 24 10.22	+3.0108	−0.0092	+23 34 25.7	−19.943	+0.055	80.4	93 97	23 2466
4532	7.5	24 48.80	3.0065	0.0096	24 27 45.5	19.937	0.056	80.4	95 99	24 2466
4533	7.9	25 2.02	3.0165	0.0076	20 54 50.9	19.935	0.057	80.2	58 60 62	21 2426
4534	8.0	25 18.57	3.0119	0.0083	22 16 4.0	19.932	0.057	80.3	89 91	22 2482
4535	8.8	25 26.13	3.0100	0.0086	22 48 50.6	19.931	0.057	80.3	72 87	22 2483
4536	8.1	12 25 30.73	+3.0072	−0.0091	+23 39 34.3	−19.930	+0.057	80.3	89 91	23 2467
4537	7.9	25 36.81	3.0060	0.0093	23 57 39.2	19.929	0.057	80.6	93 97 231	24 2467
4538	8.5	25 53.95	3.0125	0.0079	21 36 35.6	19.926	0.058	80.6	78 81 235	21 2428
4539	8.5	26 0.54	3.0151	0.0074	20 41 24.8	19.925	0.058	81.2	231 235	20 2730
4540	9.2	26 15.49	3.0111	0.0080	21 47 29.0	19.923	0.059	80.5	58 60 62 255	} 21 2429
4541	9.3	12 26 15.51	+3.0111	−0.0080	+21 47 22.5	−19.923	+0.059	80.5	60 62 255	}
4542	8.9	26 23.78	3.0040	0.0092	23 57 7.0	19.921	0.059	80.6	93 97 248	24 2468
4543	7.9	26 30.22	3.0032	0.0093	24 6 32.6	19.920	0.059	80.4	95 99	24 2470
4544	9.0[1]	26 30.33	3.0045	0.0090	23 42 5.1	19.920	0.059	80.3	89 91	23 2471
4545	8.8	26 41.12	3.0013	0.0095	24 31 59.9	19.918	0.059	80.4	95 99	24 2471
4546	8.9	12 26 42.12	+3.0082	−0.0083	+22 23 25.4	−19.918	+0.060	80.6	72 87 238	22 2485
4547	9.3	27 5.88	3.0068	0.0083	22 31 33.9	19.914	0.060	81.3	231a 235 252	22 2486
4548	8.4	27 12.02	3.0111	0.0076	21 7 32.7	19.913	0.061	80.6	78 81 240	21 2430
4549	6.0	27 20.35	2.9981	0.0097	24 58 23.4	19.912	0.061	80.4	95 99	25 2523
4550	9.0	27 20.69	3.0118	0.0074	20 47 36.0	19.912	0.061	80.6	78 81 240	20 2733

[1] Z. 89 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4551	8.8	12h 28m 5s.37	+3s.0118	−0s.0070	+20° 18′ 34″.3	−19″.904	+0″.062	81.3	238 248	20° 2736
4552	9.3	28 7.53	3.0129	0.0068	19 55 58.1	19.903	0.062	81.3	242 255	20 2735
4553	8.4	28 17.11	3.0071	0.0077	21 35 25.2	19.902	0.063	81.3	242 252	21 2431
4554	8.8	28 22.84	3.0118	0.0069	20 7 1.4	19.901	0.063	81.3	242 255	20 2737
4555	8.0	28 32.34	2.9951	0.0095	24 54 49.1	19.899	0.063	80.4	95 99	25 2526
4556	8.3	12 28 32.93	+3.0043	−0.0081	+22 14 16.9	−19.899	+0.063	81.3	238 252	22 2489
4557	4.8	28 37.26	3.0005	0.0087	23 19 4.1	19.898	0.063	81.3	238 255	23 2475
4558	8.7	28 43.54	2.9984	0.0089	23 50 41.5	19.897	0.063	80.4	95 99	23 2476
4559	6.6	28 53.39	3.0024	0.0082	22 34 16.4	19.895	0.064	81.3	238 252	22 2490
4560	9.2	29 41.49	2.9991	0.0084	22 57 12.5	19.886	0.065	80.4	95 99	23 2477
4561	9.3	12 30 22.39	+3.0068	−0.0069	+20 18 55.6	−19.878	+0.066	81.3	235 242 252	20 2740
4562	8.6	30 29.70	2.9921	0.0090	24 19 17.3	19.877	0.067	80.6	93 97 238	24 2477
4563	7.7[1]	30 33.85	3.0043	0.0072	20 55 31.5	19.876	0.067	80.6	95 99 255	21 2434
4564	7.8	30 56.60	2.9999	0.0077	21 53 12.8	19.872	0.067	80.6	78 81 248	21 2436
4565	9.3	31 17.30	3.0036	0.0070	20 39 59.7	19.868	0.068	81.3	235 242 252	20 2746
4566	9.0	12 31 56.55	+2.9879	−0.0090	+24 24 43.2	−19.860	+0.069	80.6	93 97 255	24 2478
4567	8.8	32 1.36	3.0002	0.0072	21 9 11.0	19.859	0.069	80.8	78 81 240 248	21 2437
4568	9.2	32 19.46	2.9865	0.0090	24 31 23.1	19.855	0.070	80.8	93 252	24 2479
4569	8.8	32 22.10	2.9985	0.0073	21 24 30.4	19.855	0.070	80.6	78 81 240	21 2438
4570	8.2	32 28.68	2.9869	0.0089	24 19 21.1	19.853	0.070	80.6	95 99 255	24 2480
4571	6.8	12 32 49.54	+2.9899	−0.0083	+23 20 51.3	−19.849	+0.071	80.3	89 91	23 2479
4572	5.4	32 54.13	2.9959	0.0074	21 45 0.9	19.848	0.071	80.5	5 Beob.[2]	21 2439
4573	8.9	33 2.01	2.9958	0.0074	21 43 0.1	19.846	0.071	81.3	235 242 252	21 2440
4574	8.6	33 7.88	2.9994	0.0069	20 43 6.8	19.845	0.072	80.3	89 91	20 2748
4575	8.6	33 23.48	2.9992	0.0068	20 37 13.6	19.842	0.072	80.3	89 91	20 2751
4576	8.8	12 33 41.49	+2.9999	−0.0066	+20 16 20.1	−19.838	+0.073	80.4	95 99	20 2752
4577	8.8	33 51.61	2.9947	0.0072	21 30 29.9	19.836	0.073	80.6	78 81 238	21 2442
4578	9.1	34 1.33	2.9831	0.0087	24 15 14.4	19.834	0.073	80.7	93 97 231 252	24 2481
4579	8.3	34 3.87	2.9914	0.0076	22 12 35.7	19.833	0.073	80.6	72 87 255	22 2500
4580	9.1	34 10.99	2.9850	0.0084	23 43 4.8	19.832	0.073	80.6	89 91 235	23 2483
4581	8.6	12 34 12.18	+2.9980	−0.0067	+20 28 6.1	−19.831	+0.074	80.3	60 95 99	20 2753
4582	8.9	34 24.41	2.9880	0.0079	22 50 12.6	19.829	0.074	80.6	72 87 255	22 2501
4583	9.0	34 29.27	2.9844	0.0084	23 39 29.3	19.828	0.074	80.6	93 97 248	23 2484
4584	8.6	35 10.86	2.9875	0.0077	22 30 57.2	19.818	0.075	80.6	72 87 252	22 2503
4585	8.7	35 23.06	2.9952	0.0066	20 32 15.0	19.816	0.076	80.4	95 99	20 2755
4586	9.2	12 36 18.47	+2.9889	−0.0071	+21 32 58.9	−19.803	+0.077	80.8	78 81 231 235	21 2445
4587	9.2	36 38.19	2.9893	0.0069	21 18 11.5	19.799	0.078	80.2	60	[21 2449]
4588	8.7	36 39.27	2.9903	0.0068	21 2 28.7	19.798	0.078	80.8	78 81 231 235	21 2448
4589	7.8	36 54.10	2.9724	0.0089	24 59 8.0	19.795	0.078	80.6	93 97 255	25 2548
4590	9.0	36 57.70	2.9768	0.0083	23 57 27.5	19.794	0.078	80.6	89 91 242	24 2487
4591	9.0	12 37 16.12	+2.9728	−0.0087	+24 40 50.6	−19.790	+0.079	80.6	93 97 252	24 2488
4592	7.8	37 47.65	2.9842	0.0071	21 51 25.8	19.782	0.080	80.8	78 81 231 235	21 2451
4593	8.1	38 11.95	2.9795	0.0075	22 41 5.0	19.776	0.081	80.3	72 87	22 2506
4594	8.0	38 53.44	2.9704	0.0083	24 16 40.8	19.766	0.082	80.6	93 97 255	24 2489
4595	9.2	39 36.30	2.9760	0.0074	22 43 27.9	19.756	0.083	80.6	72 87 242	22 2509
4596	8.9	12 39 37.79	+2.9702	−0.0080	+23 55 5.7	−19.755	+0.083	80.6	89 91 255	24 2490
4597	9.1	40 10.03	2.9786	0.0069	21 52 58.7	19.747	0.084	80.6	72 87 252	22 2510
4598	8.4	40 14.14	2.9683	0.0080	23 59 52.1	19.746	0.084	80.4	93 97	24 2491
4599	8.3	40 19.05	2.9790	0.0068	21 44 8.4	19.745	0.084	80.3	72 87	21 2455
4600	9.0	40 20.76	2.9661	0.0082	24 23 37.6	19.744	0.084	80.4	93 97	24 2492

[1] Z. 99 dupl.? [2] Z. 72 78 81 87 242

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4601	6.6	12h 40m 23s.95	+2s.9637	−0s.0085	+24° 50′ 8″.7	−19″.743	+0″.084	80.8	93 97 231 235	24° 2493
4602	9.3	40 41.85	2.9849	0.0061	20 17 32.3	19.739	0.085	80.4	95 99	20 2759
4603	9.1	40 42.70	2.9858	0.0060	20 6 0.0	19.739	0.085	80.4	95 99	20 2760
4604	8.9	40 43.37	2.9711	0.0076	23 10 17.3	19.738	0.085	80.3	89 91	23 2491
4605	8.2	40 56.30	2.9699	0.0076	23 18 1.5	19.735	0.086	80.3	89 91	23 2492
4606	9.0	12 41 7.70	+2.9613	−0.0085	+24 55 45.2	−19.732	+0.086	80.4	95 99	25 2561
4607	7.9	41 40.16	2.9730	0.0070	22 19 10.6	19.724	0.087	80.3	72 87	22 2512
4608	8.0	41 43.00	2.9675	0.0076	23 24 7.0	19.723	0.087	80.3	89 91	23 2494
4609	7.1	41 50.33	2.9602	0.0083	24 46 40.5	19.721	0.087	80.4	93 97	24 2495
4610	9.0	42 4.90	2.9758	0.0066	21 33 46.4	19.717	0.088	80.2	60	[21 2457]
4611	7.5	12 42 5.47	+2.9834	−0.0058	+20 0 17.6	−19.717	+0.088	80.4	95 99	20 2761
4612	—	42 10.45	2.9767	0.0065	21 20 22.9	19.716	0.088	81.3	248	— —
4613	8.1	42 12.12	2.9767	0.0065	21 19 11.6	19.715	0.088	80.8	78 81 238 248	21 2458
4614	8.8	42 34.31	2.9690	0.0071	22 41 2.5	19.709	0.089	80.3	72 87	22 2513
4615	8.4	42 47.86	2.9801	0.0059	20 21 45.9	19.706	0.089	80.8	95 99 231 235	20 2763
4616	8.6	12 42 52.38	+2.9800	−0.0059	+20 21 19.3	−19.704	+0.089	81.3	238 252	20 2764
4617	9.3	42 54.06	2.9631	0.0076	23 41 29.2	19.704	0.089	80.8	89 91 242 255	23 2498
4618	9.2	43 3.18	2.9690	0.0070	22 27 26.5	19.701	0.089	81.2	231 235 242	22 2515
4619	9.0	43 26.90	2.9612	0.0076	23 47 13.6	19.695	0.090	80.3	89 91	23 2500
4620	8.4	43 39.64	2.9683	0.0069	22 19 20.2	19.691	0.090	80.3	72 87	22 2517
4621	9.1	12 43 55.98	+2.9545	−0.0081	+24 49 0.9	−19.687	+0.091	80.4	93 97	24 2498
4622	9.4	44 2.42	2.9744	0.0061	20 57 34.8	19.685	0.091	80.8	78 81 231 242	21 2460
4623	6.4	44 6.93	2.9608	0.0075	23 32 48.8	19.684	0.091	80.4	93 97	23 2502
4624	9.0	44 30.61	2.9690	0.0065	21 48 9.5	19.677	0.092	80.2	60	[21 2461]
4625	9.0	44 31.35	2.9585	0.0076	23 46 39.9	19.677	0.092	80.3	89 91	23 2504
4626	8.7	12 44 32.01	+2.9720	−0.0062	+21 13 0.7	−19.677	+0.092	80.8	78 81 231 238	21 2462
4627	8.8	45 4.45	2.9576	0.0075	23 41 3.1	19.668	0.093	80.3	89 91	23 2506
4628	8.3	45 33.81	2.9766	0.0055	19 54 31.4	19.659	0.094	80.4	95 99	20 2768
4629	7.6	45 43.48	2.9766	0.0054	19 50 52.0	19.656	0.095	80.4	95 99	} 19 2613
4630	7.2	45 43.85	2.9766	0.0054	19 51 7.6	19.656	0.095	80.4	95 99	
4631	8.4	12 45 51.26	+2.9710	−0.0059	+20 51 2.4	−19.654	+0.095	80.6	78 81 235	20 2769
4632	9.3	46 30.53	2.9501	0.0077	24 23 8.5	19.643	0.095	80.8	93 97 242 248	24 2505
4633	9.4	46 35.62	2.9706	0.0058	20 38 34.8	19.641	0.096	80.8	89 91 231 242	20 2770
4634	7.4	46 53.78	2.9718	0.0056	20 17 5.4	19.636	0.097	80.4	93 97	20 2771
4635	4	47 8.45	2.9623	0.0064	21 55 29.5	19.631	0.097	80.3	78 81	22 2519
4636	9.2	12 47 10.14	+2.9623	−0.0064	+21 55 13.2	−19.631	+0.097	81.3	240 248	— —
4637	5.9	47 22.45	2.9715	0.0055	20 9 58.4	19.627	0.097	80.4	93 97	20 2772
4638	9.1	47 36.05	2.9646	0.0061	21 19 47.6	19.623	0.098	80.6	78 81 235	21 2465
4639	8.8	48 28.74	2.9573	0.0064	22 15 45.2	19.607	0.099	80.3	72 87	22 2521
4640	6.2	48 30.90	2.9542	0.0067	22 47 15.4	19.607	0.099	80.3	72 87	22 2522
4641	6.6	12 48 55.46	+2.9675	−0.0054	+20 17 41.7	−19.599	+0.100	80.4	95 99	20 2773
4642	9.0	49 10.47	2.9644	0.0056	20 45 19.4	19.594	0.100	80.8	78 81 240 248	20 2774
4643	8.5	49 10.60	2.9662	0.0055	20 26 16.3	19.594	0.100	80.4	95 99	20 2775
4644	8.8	49 19.92	2.9647	0.0056	20 37 54.8	19.591	0.101	80.3	89 91	20 2776
4645	9.1	49 30.07	2.9514	0.0067	22 51 33.5	19.588	0.101	80.6	72 87 242	22 2523
4646	9.3	12 49 37.82	+2.9499	−0.0068	+23 3 42.9	−19.586	+0.101	81.3	231 255 263	23 2510
4647	8.6	49 47.51	2.9592	0.0059	21 25 30.7	19.583	0.101	80.3	78 81	21 2468
4648	8.9	49 56.76	2.9420	0.0073	24 15 6.2	19.580	0.101	80.4	95 99	24 2508
4649	8.9	50 12.65	2.9620	0.0056	20 46 54.0	19.575	0.102	81.3	231 238 252	20 2779
4650	9.0	50 23.97	2.9562	0.0060	21 41 41.3	19.571	0.102	80.6	78 81 263	21 2470

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4651	9.4	12h 50m 44s.79	+2s.9360	−0s.0076	+24° 53′ 12″.6	−19″.565	+0″.103	80.8	95 99 242 255	24° 2509
4652	9.2	51 40.71	2.9420	0.0068	23 32 27.4	19.547	0.104	80.3	89 91	23 2513
4653	9.1	51 50.23	2.9418	0.0068	23 31 12.0	19.543	0.105	80.4	93 97	23 2514
4654	6.8	52 32.78	2.9450	0.0063	22 43 36.6	19.529	0.106	80.3	72 87	22 2531
4655	8.6	52 39.18	2.9437	0.0064	22 53 26.3	19.527	0.106	80.3	72 87	23 2516
4656	8.4	12 52 44.70	+2.9598	−0.0051	+20 13 55.6	−19.525	+0.107	80.4	95 99	20 2781
4657	8.6	53 44.85	2.9375	0.0066	23 26 42.7	19.505	0.108	80.3	89 91	23 2519
4658	9.2	53 51.75	2.9347	0.0068	23 50 21.7	19.503	0.108	80.6	89 91 242	23 2520
4659	9.0	54 0.96	2.9307	0.0070	24 23 7.4	19.500	0.108	80.4	93 97	24 2518
4660	7.5	54 7.77	2.9444	0.0060	22 13 40.7	19.497	0.109	80.3	72 87	22 2532
4661	9.1	12 54 8.20	+2.9496	−0.0056	+21 23 57.0	−19.497	+0.109	80.8	78 81 238 252	21 2476
4662	8.7	54 20.99	2.9560	0.0050	20 18 29.3	19.493	0.110	80.4	95 99	20 2784
4663	8.4	54 29.63	2.9299	0.0070	24 19 34.8	19.490	0.109	80.4	93 97	24 2522
4664	9.1	54 34.94	2.9419	0.0060	22 27 31.2	19.488	0.110	80.3	72 87	22 2533
4665	8.0	54 58.51	2.9242	0.0073	24 59 28.3	19.480	0.110	80.4	95 99	25 2583
4666	9.4	12 55 5.22	+2.9302	−0.0068	+24 2 36.9	−19.478	+0.110	81.3	242 255	24 2525
4667	9.2	55 8.97	2.9449	0.0057	21 46 41.2	19.476	0.111	80.6	78 81 240	21 2477
4668	9.1	55 13.86	2.9343	0.0064	23 22 22.4	19.475	0.111	80.3	89 91	23 2523
4669	7.0	55 27.95	2.9432	0.0057	21 56 35.7	19.470	0.111	80.3	72 87	22 2537
4670	8.3	56 15.31	2.9459	0.0053	21 15 13.4	19.453	0.113	80.3	78 81	21 2480
4671	8.2	12 56 25.74	+2.9260	−0.0067	+24 10 16.0	−19.449	+0.112	81.3	238 248	24 2528
4672	8.2[1]	56 29.34	2.9296	0.0065	23 37 10.0	19.448	0.113	81.3	238 252 255	23 2528
4673	9.0	56 29.61	2.9272	0.0066	23 58 14.1	19.448	0.112	81.3	242 252	24 2529
4674	7.5[2]	56 53.98	2.9307	0.0063	23 18 38.0	19.439	0.113	81.3	242 248	23 2530
4675	9.1	56 54.44	2.9487	0.0050	20 35 59.1	19.439	0.114	81.3	240 252	20 2786
4676	7.8	12 56 57.56	+2.9267	−0.0065	+23 52 28.2	−19.438	+0.113	81.0	89 238 248	23 2531
4677	9.1	57 1.24	2.9431	0.0054	21 25 23.9	19.437	0.114	80.3	78 81	21 2481
4678	9.0	57 5.29	2.9197	0.0070	24 49 59.1	19.435	0.113	80.4	93 97	24 2530
4679	7.3	57 6.14	2.9220	0.0068	24 29 55.1	19.435	0.113	80.6	95 99 242	24 2531
4680	8.8	57 28.97	2.9434	0.0052	21 12 50.9	19.427	0.115	80.3	78 81	21 2483
4681	9.3[3]	12 57 35.19	+2.9220	−0.0067	+24 18 57.0	−19.424	+0.114	81.3	252 255	}
4682	9.0[3]	57 35.31	2.9220	0.0067	24 18 55.5	19.424	0.114	81.3	5 Beob.[4]	} 24 2532
	9.2[3]	57 35.47	2.9220	0.0067	24 18 54.3	19.424	0.114	81.3	255	}
4683	8.9	57 56.29	2.9305	0.0060	22 57 49.7	19.417	0.115	80.3	72 87	23 2532
4684	8.2	58 0.08	2.9331	0.0058	22 33 56.9	19.415	0.115	80.3	72 87	22 2540
4685	9.1[5]	58 4.29	2.9498	0.0046	20 4 9.8	19.414	0.116	81.3	242 257 263	20 2788
4686	9.2	12 58 10.75	+2.9444	−0.0050	+20 50 26.3	−19.412	+0.116	80.3	78 81	20 2789
4687	9.0	58 45.99	2.9403	0.0051	21 15 52.5	19.399	0.117	80.8	78 81 240 248	21 2484
4688	8.9	58 57.77	2.9337	0.0056	22 9 52.1	19.394	0.117	80.3	72 87	22 2541
4689	9.1	58 59.79	2.9170	0.0067	24 30 37.9	19.393	0.117	80.4	95 99	24 2535
4690	9.1	59 6.13	2.9141	0.0068	24 52 32.4	19.391	0.117	80.4	93 97	24 2536
4691	9.0	12 59 43.66	+2.9151	−0.0066	+24 30 51.3	−19.377	+0.118	80.4	93 97	24 2537
4692	8.9	59 53.50	2.9212	0.0062	23 37 19.7	19.373	0.119	80.6	89 91 255	23 2536
4693	8.8	13 0 9.24	2.9363	0.0051	21 23 46.4	19.367	0.119	80.6	78 81 238	21 2486
4694	6.1	0 15.63	2.9331	0.0053	21 49 28.2	19.365	0.120	80.4	95 99	21 2487
4695	6.1	0 17.52	2.9226	0.0060	23 17 13.9	19.364	0.119	80.6	89 91 251	23 2538
4696	7.0	13 0 17.57	+2.9250	−0.0058	+22 56 55.8	−19.364	+0.119	80.6	72 87 251	23 2537
4697	9.1	1 10.34	2.9217	0.0058	23 7 24.1	19.344	0.121	80.6	89 91 242	23 2539
4698	8.0	1 38.92	2.9090	0.0065	24 40 24.3	19.333	0.121	80.6	93 97 255	24 2539
4699	8.2	1 40.02	2.9089	0.0065	24 41 1.0	19.333	0.121	80.6	93 97 255	24 2540
4700	8.0	1 47.97	2.9384	0.0046	20 36 11.7	19.330	0.122	80.6	95 99 248	20 2796

[1] Dupl. 2″-3″ maj., Com. < 9m [2] Dupl. pr. [3] Dupl. pr., med., seq. [4] Z. 238 248 251 257 263
[5] Dupl. 10″ maj., Com. 9m.5

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4701	9.3	13h 1m 50s.38	+2s.9401	−0s.0045	+20° 20′ 57″.0	−19″.329	+0″.123	80.4	95 99	20° 2797
4702	9.2[1]	2 2.06	2.9125	0.0062	24 4 51.4	19.324	0.122	80.8	93 97 242 248	24 2542
4703	9.3	2 9.08	2.9363	0.0046	20 47 13.6	19.321	0.123	80.6	78 81 238	20 2798
4704	8.7	2 40.00	2.9142	0.0060	23 38 22.7	19.309	0.123	80.6	89 91 255	23 2541
4705	9.0	2 55.14	2.9352	0.0046	20 43 6.4	19.303	0.124	80.6	78 81 238	20 2799
4706	8.7	13 3 3.60	+2.9246	−0.0052	+22 7 25.3	−19.300	+0.124	80.3	72 87	22 2545
4707	8.1	3 14.22	2.9058	0.0063	24 33 38.3	19.296	0.124	80.4	93 97	24 2546
4708	9.2	3 19.57	2.9182	0.0056	22 53 41.2	19.294	0.124	80.6	72 87 238	23 2542
4709	9.3	3 24.08	2.9020	0.0065	24 59 28.5	19.292	0.124	80.4	95 99	25 2602
4710	8.3	3 36.70	2.9331	0.0045	20 48 2.3	19.287	0.126	80.3	89 91	20 2802
4711	7.6	13 3 43.77	+2.9290	−0.0048	+21 19 16.8	−19.284	+0.126	80.6	78 81 242	21 2494
4712	9.0	4 29.16	2.9057	0.0060	24 9 20.5	19.266	0.126	80.4	93 97	24 2549
4713	6.6	4 47.34	2.9223	0.0050	21 54 4.7	19.258	0.127	80.3	78 81	22 2550
4714	8.8	5 21.49	2.9316	0.0043	20 30 1.1	19.244	0.129	81.3	238 248	20 2805
4715	7.4	5 28.57	2.9155	0.0052	22 35 4.8	19.241	0.128	81.3	242 257	22 2552
4716	8.2	13 5 29.02	+2.9315	−0.0043	+20 28 51.2	−19.241	+0.129	81.3	238 248	20 2806
4717	9.0	5 33.44	2.9181	0.0051	22 13 44.4	19.239	0.128	81.3	240 255	22 2553
4718	9.0	5 52.98	2.9045	0.0058	23 52 10.5	19.231	0.128	81.3	251 252	23 2543
4719	9.3	5 54.23	2.9044	0.0058	23 52 51.9	19.231	0.128	81.4	263	[23 2544]
4720	9.2	5 54.39	2.9227	0.0047	21 31 7.6	19.231	0.129	81.3	238 248	21 2495
4721	7.0	13 6 7.18	+2.8955	−0.0063	+24 55 27.4	−19.225	+0.128	81.3	240 257	25 2610
4722	8.4	6 22.44	2.9218	0.0047	21 30 32.8	19.219	0.130	81.3	238 248	21 2496
4723	9.0	6 24.88	2.9218	0.0047	21 29 24.5	19.218	0.130	81.3	248	[21 2497]
4724	9.1	6 27.25	2.9054	0.0056	23 34 52.3	19.217	0.129	81.3	251 252	23 2548
4725	9.1	6 44.18	2.9225	0.0045	21 18 26.2	19.210	0.131	81.3	240 257	21 2499
4726	7.9	13 6 48.17	+2.9280	−0.0042	+20 34 58.1	−19.208	+0.131	81.3	251 257	20 2809
4727	8.8	6 56.07	2.9284	0.0042	20 29 21.4	19.205	0.131	81.3	238 255	20 2810
4728	9.1	7 5.63	2.9190	0.0047	21 39 57.2	19.201	0.131	80.6	78 81 251	21 2500
4729	9.1	7 31.54	2.9059	0.0053	23 11 25.2	19.190	0.131	80.6	80 96a 101 252	23 2549
4730	8.2	7 38.61	2.9223	0.0044	21 4 46.7	19.187	0.132	80.7	100 105 257	21 2502
4731	9.0	13 8 7.86	+2.8981	−0.0056	+23 58 43.3	−19.175	+0.132	80.4	95 99	24 2556
4732	9.2	8 12.68	2.9141	0.0047	21 57 54.7	19.173	0.133	80.6	78 81 255	22 2559
4733	9.2	8 30.37	2.9215	0.0042	20 56 56.1	19.165	0.134	80.6	74 76 252	21 2504
4734	8.7	8 57.90	2.9130	0.0046	21 53 38.2	19.153	0.134	80.8	87 238	22 2561
4735	8.7	9 0.04	2.8981	0.0055	23 42 47.1	19.152	0.134	80.3	80 96a 101	23 2551
4736	9.0	13 9 16.65	+2.9068	−0.0049	+22 34 5.1	−19.145	+0.134	80.8	87 238	22 2563
4737	7.7	9 54.66	2.9096	0.0046	22 2 36.6	19.128	0.136	80.8	87 240	22 2564
4738	9.3	10 14.72	2.9057	0.0048	22 26 9.9	19.120	0.136	80.7	100 105 252	22 2565
4739	9.3	10 21.85	2.8850	0.0059	24 51 55.0	19.116	0.135	80.6	95 99 255	24 2558
4740	8.6	10 26.40	2.9189	0.0040	20 45 26.9	19.114	0.137	80.8	76 240	20 2813
4741	9.3	13 10 26.96	+2.9024	−0.0049	+22 46 17.8	−19.114	+0.136	80.6	100 105 251	22 2566
4742	6.3	10 28.34	2.9214	0.0039	20 26 41.9	19.114	0.137	80.6	74 76 240	20 2814
4743	9.3	10 28.37	2.9020	0.0049	22 49 0.7	19.114	0.136	80.3	72 87 100	22 2567
4744	9.1	10 29.40	2.9101	0.0045	21 50 1.7	19.113	0.137	81.3	248 251	21 2507
4745	8.0	10 40.66	2.9207	0.0039	20 28 28.7	19.108	0.138	81.0	74 240 248	20 2815
4746	8.6	13 10 58.84	+2.9243	−0.0036	+19 57 30.8	−19.100	+0.138	80.8	76 251	20 2816
4747	8.0	10 59.83	2.9115	0.0043	21 31 39.9	19.100	0.138	80.3	78 81	21 2509
4748	9.1	11 0.33	2.9158	0.0041	20 59 29.7	19.099	0.138	80.6	78 81 252	21 2508
4749	9.0	11 30.82	2.8869	0.0055	24 18 14.4	19.086	0.137	80.6	100 105 248	24 2559
4750	8.7	11 33.30	2.8954	0.0051	23 18 11.9	19.085	0.138	80.3	80 96a 101	23 2556

[1] Z. 242 dupl. maj.? Z. 248 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4751	8.5	13h 11m 56s.93	+2s.9083	−0s.0043	+21° 39′ 33″.1	−19″.074	+0″.139	80.6	78 81 252	21° 2510
4752	8.9	12 23.61	2.8873	0.0053	24 0 18.7	19.062	0.139	80.3	80 96a 101	24 2560
4753	9.2	12 31.88	2.9111	0.0040	21 9 53.0	19.058	0.140	80.6	78 81 240	21 2512
4754	9.1	12 42.74	2.9070	0.0042	21 36 43.7	19.053	0.141	80.4	100 105	21 2513
4755	9.3	12 43.39	2.9129	0.0039	20 54 35.7	19.053	0.141	80.6	74 76 263	21 2514
4756	8.4	13 13 21.75	+2.9046	−0.0042	+21 43 26.0	−19.036	+0.142	80.6	78 81 240	21 2515
4757	9.1	13 26.05	2.8897	0.0050	23 26 17.5	19.034	0.141	80.3	80 96a 101	23 2559
4758	8.2	13 26.20	2.8893	0.0050	23 29 12.0	19.033	0.141	80.3	80 96a 101	23 2560
4759	9.1	13 26.78	2.9135	0.0037	20 39 3.7	19.033	0.142	80.6	74 76 251	20 2821
4760	9.1	13 35.64	2.8942	0.0047	22 52 47.0	19.029	0.142	80.3	72 87	22 2570
4761	9.0	13 13 41.78	+2.8866	−0.0051	+23 43 22.1	−19.026	+0.141	80.3	80 96a 101	23 2561
4762	8.7	13 51.72	2.8811	0.0053	24 17 38.3	19.022	0.141	80.4	100 105	24 2563
4763	9.1	14 22.68	2.8801	0.0053	24 15 57.1	19.007	0.142	81.0	105 238 248	24 2566
4764	8.9	14 23.71	2.9141	0.0035	20 20 55.6	19.007	0.144	80.6	74 76 240	20 2824
4765	9.2	14 31.37	2.8973	0.0044	22 16 34.6	19.003	0.143	80.6	72 87 238	22 2572
4766	8.7	13 15 2.94	+2.8885	−0.0047	+23 7 50.7	−18.989	+0.144	80.6	80 96a 101 252	23 2562
4767	8.4	15 9.59	2.8791	0.0051	24 9 13.0	18.985	0.143	80.7	100 105 263	24 2570
4768	8.8	15 39.03	2.9114	0.0034	20 21 35.2	18.972	0.146	80.6	74 76 240	20 2828
4769	7.9	15 56.73	2.8879	0.0046	22 58 2.3	18.963	0.145	80.5	80 96a 101 263	23 2564
4770	9.1	16 4.00	2.9055	0.0037	20 56 50.6	18.960	0.146	80.6	74 76 238	21 2517
4771	8.9	13 16 22.86	+2.8687	−0.0054	+24 57 23.4	−18.951	+0.145	80.4	100 105	25 2626
4772	6.7	16 23.75	2.9012	0.0038	21 21 2.4	18.950	0.147	80.3	78 81	21 2519
4773	8.5	17 1.25	2.9124	0.0031	19 55 25.4	18.932	0.148	80.8	74 76 240 257	20 2830
4774	8.8	17 39.84	2.8818	0.0045	23 11 50.0	18.914	0.148	80.5	80 96a 101 263	23 2565
4775	9.3	17 45.68	2.8903	0.0041	22 14 34.5	18.911	0.148	80.8	87 238	22 2574
4776	9.1	13 17 49.57	+2.9032	−0.0035	+20 47 24.8	−18.909	+0.149	80.3	74 76	20 2831
4777	8.4	18 32.60	2.8737	0.0047	23 50 27.5	18.888	0.149	80.3	80 96a 101	23 2568
4778	6.0	19 8.95	2.8659	0.0050	24 30 23.8	18.870	0.150	80.7	100 105 252	24 2578
4779	8.8	19 56.09	2.8918	0.0036	21 32 58.6	18.847	0.152	80.6	78 81 238	21 2525
4780	8.4	20 8.84	2.8921	0.0036	21 27 51.1	18.840	0.153	80.6	78 81 240	21 2526
4781	9.1	13 20 17.82	+2.8946	−0.0034	+21 9 58.8	−18.836	+0.153	80.6	74 76 263	21 2527
4782	9.1	20 23.42	2.8828	0.0040	22 24 24.8	18.833	0.153	80.3	72 87	22 2579
4783	8.1	20 29.93	2.8654	0.0047	24 12 26.6	18.830	0.152	80.4	100 105	24 2583
4784	9.0	20 43.90	2.8719	0.0044	23 28 37.3	18.823	0.153	80.6	80 96a 101 248	23 2569
4785	8.8	20 44.23	2.8767	0.0042	22 58 34.5	18.823	0.153	80.3	80 96a 101	23 2570
4786	9.0	13 20 53.10	+2.8906	−0.0035	+21 27 9.8	−18.818	+0.154	80.6	78 81 252	21 2530
4787	8.4	20 58.30	2.8649	0.0047	24 8 17.4	18.816	0.153	80.4	100 105	24 2584
4788	8.8	21 5.79	2.8830	0.0038	22 13 18.1	18.812	0.154	80.6	72 87 263	22 2580
4789	9.2[1]	21 9.39	2.8932	0.0034	21 6 42.4	18.810	0.154	80.9	6 Beob.[1]	21 2531
4790	8.5	21 11.60	2.8695	0.0044	23 36 28.5	18.809	0.153	80.6	80 96a 101 257	23 2571
4791	8.1	13 21 18.01	+2.8947	−0.0033	+20 55 20.8	−18.806	+0.155	80.6	74 76 252	21 2532
4792	9.0	21 28.13	2.8965	0.0032	20 41 41.4	18.800	0.155	80.8	74 76 240 248	20 2835
4793	8.3	21 33.77	2.8554	0.0049	24 57 36.7	18.798	0.153	80.4	100 105	25 2637
4794	9.0	21 33.86	2.8847	0.0037	21 55 28.6	18.798	0.155	80.3	72 87	22 2581
4795	8.4	21 48.48	2.8539	0.0050	25 3 14.8	18.790	0.154	80.4	100 105	25 2639
4796	9.5	13 22 25.85	+2.8880	−0.0034	+21 23 5.6	−18.771	+0.156	80.7	78 81 238 251	21 2537
4797	8.5	22 42.67	2.8627	0.0044	23 56 12.1	18.762	0.156	80.5	80 96a 101 263	24 2587
4798	8.9[2]	22 44.22	2.8597	0.0046	24 13 43.9	18.762	0.155	80.6	100 105 248	24 2588
4799	8.3	22 53.08	2.8960	0.0029	20 26 14.9	18.757	0.158	80.6	74 76 257	20 2837
4800	8.2	23 9.49	2.8725	0.0039	22 49 46.9	18.749	0.157	80.3	72 87	22 2584

[1] Z. 74 76 238 (dupl.) 240 248 251 (dupl.?) [2] Z. 100 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4801	9.1	$13^h\ 23^m\ 46^s.81$	$+2^s.8903$	$-0^s.0031$	+20° 50′ 36″.7	−18″.729	+0″.159	80.6	74 76 238	20° 2838
4802	9.1	24 19.58	2.8765	0.0036	22 8 52.9	18.712	0.159	80.7	72 87 238 240	22 2587
4803	9.3	24 20.44	2.8700	0.0038	22 48 13.2	18.712	0.159	80.4	100 105	22 2588
4804	8.4	24 32.65	2.8660	0.0040	23 9 38.0	18.705	0.159	80.5	80 96a 101 263	23 2575
4805	8.0	24 51.70	2.8479	0.0046	24 52 44.0	18.695	0.158	81.3	238 248	24 2592
4806	7.2	13 24 56.63	+2.8476	−0.0046	+24 52 57.1	−18.692	+0.158	80.8	100 105 238 248	24 2593
4807	9.2	25 9.57	2.8802	0.0033	21 34 58.3	18.686	0.161	80.6	78 81 240	21 2543
4808	8.6	25 11.43	2.8763	0.0034	21 58 41.7	18.685	0.160	80.6	72 87 252	22 2589
4809	9.2	25 52.71	2.8907	0.0027	20 21 31.4	18.663	0.162	80.6	74 76 263	20 2843
4810	9.3	25 57.63	2.8782	0.0032	21 36 38.8	18.660	0.162	80.6	78 81 240	21 2544
4811	8.8	13 26 16.56	+2.8552	−0.0041	+23 49 21.9	−18.650	+0.161	80.3	80 96a 101	23 2578
4812	8.0	26 26.31	2.8781	0.0031	21 31 18.9	18.645	0.163	80.6	78 81 240	21 2545
4813	6.2	26 52.83	2.8416	0.0045	24 59 46.9	18.630	0.162	80.6	100 105 251	25 2643
4814	9.0	27 23.59	2.8543	0.0040	23 39. 25.0	18.614	0.163	80.3	80 96a 101	23 2584
4815	9.0	27 47.21	2.8641	0.0035	22 36 51.5	18.601	0.164	80.6	72 87 251	22 2595
4816	8.7	13 27 50.87	+2.8565	−0.0038	+23 20 16.6	−18.599	+0.164	80.5	80 96a 101 263	23 2585
4817	8.9	27 57.14	2.8695	0.0032	22 2 39.6	18.596	0.165	80.6	72 87 238	22 2597
4818	7.9	28 42.65	2.8756	0.0029	21 17 14.1	18.571	0.166	80.6	78 81 240	21 2547
4819	7.8	29 10.25	2.8732	0.0029	21 25 25.0	18.555	0.167	80.6	78 81 240	21 2548
4820	7.0	29 17.05	2.8553	0.0036	23 8 10.0	18.552	0.166	80.5	80 96a 101 251	23 2587
4821	8.5	13 29 18.85	+2.8747	−0.0028	+21 14 49.5	−18.551	+0.167	80.8	78 238	21 2549
4822	7.6	29 28.78	2.8516	0.0037	23 26 45.2	18.545	0.166	80.3	80 96a 101	23 2588
4823	9.2	30 1.63	2.8652	0.0031	22 1 51.4	18.527	0.168	80.7	72 87 238 251	22 2604
4824	9.1	30 1.65	2.8724	0.0028	21 20 0.9	18.527	0.168	80.6	78 81 248	21 2552
4825	9.0	30 10.52	2.8726	0.0028	21 16 47.6	18.522	0.169	80.3	81	[21 2553]
4826	7.9	13 30 11.76	+2.8378	−0.0041	+24 34 26.0	−18.521	+0.167	80.4	100 105	24 2604
4827	8.5	30 20.69	2.8789	0.0025	20 37 49.7	18.516	0.169	80.8	74 76 251 257	20 2848
4828	9.5	30 22.83	2.8790	0.0025	20 37 6.0	18.515	0.169	81.3	257	— —
4829	9.0	30 25.89	2.8627	0.0031	22 10 46.5	18.513	0.168	80.3	72 87	22 2606
4830	9.0	30 30.17	2.8584	0.0033	22 34 15.2	18.511	0.168	80.6	72 87 240	22 2607
4831	9.3	13 30 51.00	+2.8490	−0.0036	+23 23 4.7	−18.499	+0.168	81.3	238 248 252 257	} 23 2589
4832	9.3	30 52.17	2.8488	0.0036	23 23 50.0	18.498	0.168	80.3	80 96a 101	
4833	9.0	31 3.10	2.8790	0.0024	20 29 8.0	18.492	0.170	80.6	74 76 263	20 2849
4834	9.2	31 8.00	2.8423	0.0038	23 56 44.2	18.490	0.168	81.3	238 252	} 24 2607
4835	9.2	31 8.18	2.8423	0.0038	23 56 50.1	18.489	0.168	80.3	80 96a 101	
4836	8.8	13 31 26.37	+2.8715	−0.0026	+21 7 40.9	−18.479	+0.171	80.6	74 76 263	21 2555
4837	7.0	32 6.35	2.8485	0.0034	23 10 3.1	18.456	0.170	80.5	80 96a 101 251	23 2591
4838	9.1	32 25.83	2.8362	0.0038	24 13 0.7	18.445	0.170	80.4	100 105	24 2608
4839	8.4	32 45.52	2.8449	0.0034	23 21 34.6	18.434	0.171	80.8	96a 101 248 252	23 2593
4840	9.0	32 54.84	2.8356	0.0037	24 10 17.8	18.429	0.171	80.4	100 105	24 2610
4841	9.4	13 32 59.29	+2.8582	−0.0029	+22 4 55.1	−18.426	+0.172	80.7	72 87 238 251	22 2612
4842	8.1	33 0.22	2.8274	0.0040	24 53 9.1	18.426	0.171	80.7	100 105 263	24 2611
4843	7.6	33 3.72	2.8286	0.0039	24 46 5.0	18.424	0.171	81.3	240 248 252	24 2612
4844	9.1	33 6.19	2.8558	0.0030	22 16 28.1	18.422	0.173	80.6	72 87 240	22 2613
4845	9.1	33 37.14	2.8627	0.0026	21 31 50.2	18.404	0.174	80.6	78 81 240	21 2557
4846	8.9	13 33 48.64	+2.8358	−0.0036	+23 57 45.0	−18.398	+0.173	80.4	100 105	24 2615
4847	9.0	34 4.45	2.8609	0.0026	21 36 25.5	18.388	0.174	80.6	78 81 238	21 2559
4848	9.0	34 18.44	2.8440	0.0032	23 6 44.1	18.380	0.174	80.3	80 96a 101	23 2597
4849	9.1	34 20.82	2.8532	0.0029	22 15 45.4	18.379	0.174	80.3	72 87	22 2615
4850	8.8	34 22.90	2.8433	0.0032	23 9 37.8	18.378	0.174	80.3	80 96a 101	23 2598

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4851	7.5	13h 34m 25s.54	+2s.8464	−0s.0031	+22° 51′ 59″.5	−18″.376	+0″.174	80.4	100 105	22° 2616
4852	5.2 [1]	34 42.25	2.8706	0.0022	20 35 18.8	18.366	0.176	80.6	74 76 251	20 2858
4853	7.2	34 42.72	2.8699	0.0022	20 38 47.5	18.366	0.176	80.6	74 76 251	20 2859
4854	5.3	35 7.50	2.8420	0.0031	23 7 47.7	18.351	0.175	80.5	80 96a 101 263	23 2600
4855	9.1	35 17.63	2.8303	0.0035	24 8 1.0	18.345	0.175	80.4	100 105	24 2620
4856	9.1	13 35 26.84	+2.8716	−0.0020	+20 21 14.0	−18.340	+0.177	80.6	74 76 251	20 2861
4857	8.0	36 11.13	2.8382	0.0031	23 15 6.4	18.314	0.177	80.3	80 96a 101	23 2601
4858	8.4	36 24.89	2.8195	0.0037	24 50 26.0	18.306	0.176	81.3	238 248 252	24 2622
4859	8.8	36 27.46	2.8490	0.0027	22 13 39.9	18.304	0.178	80.6	72 87 240	22 2620
4860	7.0	36 40.61	2.8291	0.0033	23 57 6.0	18.296	0.177	80.4	100 105	24 2624
4861	7.7	13 36 52.16	+2.8607	−0.0022	+21 5 40.9	−18.289	+0.179	80.6	78 81 263	21 2564
4862	8.7	37 25.18	2.8153	0.0037	24 59 25.8	18.270	0.177	80.4	100 105	25 2666
4863	8.5	37 26.62	2.8622	0.0021	20 51 15.1	18.269	0.180	80.6	74 76 263	20 2865
4864	9.0	37 34.15	2.8453	0.0026	22 20 33.5	18.264	0.179	80.9	87 238 263	22 2622
4865	8.4	37 34.27	2.8419	0.0028	22 38 51.9	18.264	0.179	80.3	72 87	22 2621
4866	8.8	13 37 41.62	+2.8314	−0.0031	+23 32 36.5	−18.260	+0.179	81.3	240 252	23 2605
4867	8.2	37 42.72	2.8519	0.0024	21 43 31.2	18.259	0.180	80.3	78 81	21 2565
4868	9.0	37 46.60	2.8247	0.0033	24 6 5.1	18.257	0.178	81.3	248 251 252	24 2626
4869	8.9	37 49.84	2.8557	0.0022	21 21 42.7	18.255	0.180	80.3	78 81	21 2566
4870	5.9	37 50.81	2.8335	0.0030	23 19 53.1	18.254	0.179	80.3	80 96a 101	23 2606
4871	8.1	13 38 4.24	+2.8430	−0.0027	+22 26 53.3	−18.246	+0.180	81.3	240 257	22 2624
4872	8.6	38 13.90	2.8250	0.0032	23 59 22.6	18.240	0.179	80.4	100 105	24 2627
4873	8.4	38 22.53	2.8418	0.0027	22 29 55.5	18.235	0.180	81.3	238 248 251	22 2625
4874	9.0	38 23.55	2.8527	0.0023	21 31 40.8	18.234	0.181	80.3	78 81	21 2568
4875	8.6 [2]	38 41.75	2.8203	0.0033	24 17 48.5	18.223	0.180	81.3	240 248 252	24 2629
4876	8.3	13 38 54.79	+2.8564	−0.0021	+21 6 4.6	−18.215	+0.182	80.3	74 76	21 2570
4877	8.8	39 28.56	2.8403	0.0025	22 24 52.2	18.195	0.182	80.3	72 87	22 2626
4878	8.7	39 51.29	2.8311	0.0028	23 8 26.4	18.181	0.182	80.3	80 96a 101	23 2611
4879	9.1	40 1.37	2.8459	0.0023	21 49 40.6	18.174	0.183	80.6	78 81 238	21 2571
4880	9.0	40 33.76	2.8100	0.0033	24 46 58.5	18.154	0.182	81.4	257 263	24 2635
4881	8.5	13 40 55.99	+2.8286	−0.0027	+23 8 53.6	−18.141	+0.184	81.3	251 257	23 2613
4882	9.0	41 21.91	2.8554	0.0018	20 45 30.0	18.124	0.186	81.3	251 257	20 2871
4883	8.6	41 42.95	2.8641	0.0014	19 55 57.0	18.111	0.187	80.6	74 76 263	20 2872
4884	8.8	42 2.51	2.8069	0.0032	24 44 17.4	18.099	0.184	81.3	240 251 257	24 2637
4885	9.0	42 16.76	2.8222	0.0027	23 25 32.6	18.090	0.185	80.3	80 96a 101	23 2615
4886	9.2	13 42 28.36	+2.8063	−0.0032	+24 42 26.7	−18.083	+0.185	81.3	251 257	24 2640
4887	8.0	42 33.13	2.8138	0.0029	24 4 22.4	18.080	0.185	80.4	100 105	24 2641
4888	9.3	42 41.56	2.8334	0.0023	22 24 29.7	18.074	0.187	81.4	259 260 263 266	22 2633
4889	8.7	42 48.77	2.8021	0.0032	24 58 57.4	18.070	0.185	81.3	238 248	25 2681
4890	8.8	42 49.87	2.8058	0.0031	24 40 42.8	18.069	0.185	81.3	251 257	24 2644
4891	9.1	13 42 51.14	+2.8245	−0.0026	+23 7 36.8	−18.068	+0.187	80.3	80 96a 101	23 2616
4892	9.0	43 8.61	2.8350	0.0022	22 11 18.8	18.057	0.188	80.3	72 87	22 2635
4893	8.9	43 10.69	2.8264	0.0025	22 54 22.2	18.056	0.187	80.4	100 105	23 2618
4894	9.1	43 27.92	2.8535	0.0016	20 33 39.5	18.045	0.189	80.7	86 103 267	20 2875
4895	8.6	43 37.22	2.8598	0.0013	19 58 58.7	18.039	0.190	80.6	74 76 263	20 2876
4896	9.1	13 43 40.59	+2.8492	−0.0017	+20 53 19.9	−18.037	+0.189	80.7	86 103 267	20 2877
4897	5.0	43 48.19	2.8372	0.0020	21 53 7.3	18.032	0.189	80.6	78 81 238	21 2578
4898	7.7	43 53.82	2.8595	0.0013	19 58 6.8	18.029	0.190	80.6	74 76 263	20 2878
4899	7.3	44 26.60	2.8360	0.0020	21 52 33.5	18.008	0.190	80.3	78 81	21 2579
4900	9.1	44 26.67	2.8275	0.0022	22 35 8.5	18.008	0.189	80.3	72 87	22 2638

[1] Com. 9m 4s   [2] Dupl. maj. (Com. < 9m)

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4901	6.8	$13^h\ 44^m\ 29^s.55$	$+2^s.8356$	$-0^s.0020$	+21° 53′ 49″.3	−18″.006	+0″.190	80.6	78 81 240	21° 2580
4902	8.9	44 36.98	2.8141	0.0026	23 39 12.7	18.001	0.189	80.3	80 96ª 101	23 2620
4903	8.5	44 37.99	2.8322	0.0021	22 9 47.5	18.000	0.190	81.3	238 248	22 2639
4904	9.3	44 53.09	2.8479	0.0015	20 47 34.9	17.991	0.191	80.6	74 76 267	20 2882
4905	9.0	44 58.95	2.8119	0.0026	23 45 59.9	17.987	0.189	81.3	240 248 260	23 2621
4906	8.3	13 45 6.11	+2.8345	−0.0019	+21 52 49.7	−17.982	+0.191	80.6	78 81 267	21 2582
4907	8.9	45 7.34	2.8054	0.0028	24 15 45.6	17.981	0.189	80.4	100 105	24 2649
4908	9.0	45 12.33	2.8037	0.0028	24 23 6.3	17.978	0.189	80.4	100 105	24 2650
4909	8.6	45 24.69	2.8309	0.0020	22 7 44.3	17.970	0.191	80.3	72 87	22 2640
4910	8.3	45 41.27	2.8150	0.0024	23 23 3.4	17.959	0.190	80.3	80 96ª 101	23 2623
4911	8.9	13 45 42.23	+2.8464	−0.0015	+20 47 21.2	−17.959	+0.193	80.6	74 76 263	20 2885
4912	8.8	46 19.46	2.8066	0.0026	23 56 29.8	17.935	0.191	80.4	100 105	24 2652
4913	8.0	46 44.23	2.8027	0.0027	24 10 52.1	17.918	0.191	81.3	240 257	24 2654
4914	9.0	46 47.38	2.8066	0.0025	23 51 23.2	17.916	0.192	80.3	80 101	23 2624
4915	9.2	46 49.93	2.8309	0.0018	21 52 56.2	17.915	0.193	80.6	78 81 263	21 2584
4916	9.1	13 46 58.06	+2.8037	−0.0026	+24 3 10.5	−17.909	+0.192	81.3	238 248 260	24 2655
4917	8.0	46 59.61	2.8049	0.0026	23 57 6.9	17.908	0.192	81.3	240 259 266	24 2656
4918	8.9	47 9.50	2.8196	0.0021	22 44 44.7	17.902	0.193	80.6	72 87 263	22 2643
4919	9.0	47 23.08	2.8112	0.0023	23 22 58.8	17.893	0.193	81.3	251 257	23 2628
4920	7.7	47 34.03	2.7931	0.0028	24 46 38.0	17.886	0.192	81.3	238 248 267	24 2658
4921	9.2	13 47 35.64	+2.8320	−0.0017	+21 39 30.1	−17.885	+0.195	81.3	251 259 266	21 2586
4922	8.8	47 38.16	2.7932	0.0028	24 45 14.6	17.883	0.192	81.3	238 248 267	24 2659
4923	8.6	47 57.53	2.8498	0.0011	20 7 47.9	17.870	0.196	80.6	74 76 267	20 2893
4924	9.1	48 16.69	2.8414	0.0013	20 46 47.9	17.857	0.196	81.4	259 263 266	20 2894
4925	9.0	48 30.15	2.7993	0.0025	24 7 18.9	17.848	0.194	81.3	238 248	24 2660
4926	8.1	13 48 32.20	+2.8350	−0.0015	+21 15 34.4	−17.847	+0.196	81.3	240 260	21 2588
4927	8.9	48 50.38	2.8406	0.0013	20 44 56.5	17.835	0.197	81.4	259 263 266	20 2895
4928	8.8	49 0.73	2.8331	0.0015	21 19 58.9	17.828	0.197	81.3	240 259 266	21 2591
4929	7.8	49 25.90	2.8486	0.0009	20 0 3.8	17.811	0.199	80.6	74 76 267	20 2897
4930	9.1	49 34.41	2.7923	0.0025	24 28 20.4	17.806	0.195	81.3	238 248 267	24 2663
4931	7.4	13 49 58.45	+2.8065	−0.0021	+23 17 37.3	−17.789	+0.197	80.3	80 101	23 2631
4932	9.2	50 32.48	2.8116	0.0019	22 47 44.3	17.766	0.198	80.3	72 87	22 2648
4933	8.6	50 48.50	2.8303	0.0013	21 16 2.1	17.756	0.200	80.6	78 81 267	21 2592
4934	8.8	50 56.93	2.7931	0.0023	24 9 48.3	17.750	0.197	80.6	100 105 238	24 2666
4935	6.8	51 13.05	2.8258	0.0014	21 33 57.4	17.739	0.200	80.6	78 81 251	21 2593
4936	8.4	13 51 29.95	+2.7942	−0.0022	+23 58 43.3	−17.727	+0.198	80.3	80 101	24 2668
4937	9.3	51 34.21	2.8127	0.0017	22 32 18.6	17.724	0.200	80.8	87 240	22 2649
4938	8.4	51 40.06	2.7915	0.0023	24 9 21.5	17.720	0.198	80.4	100 105	24 2670
4939	8.7	52 12.32	2.8425	0.0008	20 4 13.1	17.698	0.203	80.3	74 76 86 103	20 2904
4940	8.4	52 26.63	2.7844	0.0024	24 33 28.9	17.689	0.199	80.4	100 105	24 2671
4941	9.2	13 52 36.06	+2.8401	−0.0008	+20 12 17.2	−17.682	+0.203	80.6	74 76 251	20 2905
4942	6.5	52 47.50	2.8131	0.0016	22 18 24.5	17.674	0.201	80.6	72 87 260	22 2650
4943	9.0	52 48.41	2.7977	0.0020	23 29 1.6	17.674	0.201	80.3	80 101	23 2636
4944	8.2	53 19.66	2.8019	0.0018	23 4 51.6	17.652	0.202	80.6	80 101 251	23 2638
4945	8.6	53 31.48	2.7962	0.0019	23 28 39.4	17.644	0.201	81.3	238 248	23 2640
4946	8.0	13 53 39.14	+2.7768	−0.0024	+24 54 31.1	−17.638	+0.200	80.4	100 105	25 2713
4947	9.2	53 50.17	2.7952	0.0019	23 29 55.9	17.631	0.202	81.3	238 240 248	23 2641
4948	8.5	53 52.37	2.7946	0.0019	23 32 25.2	17.629	0.202	81.3	240 257	23 2642
4949	8.5[1]	53 53.97	2.8340	0.0008	20 29 25.1	17.628	0.205	80.3	74 76 86 103	20 2907
4950	8.6	54 6.85	2.7892	0.0020	23 54 25.6	17.619	0.202	80.4	100 105	24 2675

[1] Dupl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
4951	9.0	13h 55m 0s.48	+2s.8285	−0s.0009	+20° 45′ 31″.0	−17″.582	+0″.206	81.4	257 263	20° 2910
4952	7.1	55 12.95	2.8043	0.0015	22 34 58.8	17.573	0.205	81.3	240 257	22 2651
4953	8.8	55 19.58	2.8117	0.0013	22 0 17.4	17.568	0.205	81.4	257 263	22 2652
4954	9.0	55 41.09	2.7869	0.0019	23 48 36.6	17.553	0.204	80.4	100 105	23 2643
4955	9.1 [1]	56 3.51	2.8358	0.0005	20 2 3.7	17.537	0.208	80.6	74 76 251	20 2911
4956	7.9	13 56 7.62	+2.8080	−0.0013	+22 9 35.7	−17.534	+0.206	81.3	240 257	22 2654
4957	8.0	56 28.33	2.8161	0.0010	21 29 13.9	17.520	0.207	81.3	240 248	21 2598
4958	9.1	56 41.62	2.8299	0.0006	20 23 56.6	17.510	0.209	80.9	5 Beob. [2]	20 2913
4959	8.4	57 8.26	2.7994	0.0014	22 38 37.7	17.491	0.207	80.4	100 105	22 2656
4960	8.5	57 17.37	2.8222	0.0008	20 54 11.5	17.485	0.209	80.6	86 103 248	21 2600
4961	9.0	13 57 28.87	+2.8273	−0.0006	+20 28 50.4	−17.477	+0.210	80.6	74 76 251	20 2914
4962	6.9	57 33.23	2.7924	0.0015	23 5 54.4	17.474	0.207	80.4	80 100 101 105	23 2644
4963	8.5	58 39.94	2.8050	0.0011	21 59 18.3	17.426	0.210	81.3	238 248	22 2659
4964	9.0	59 5.75	2.7643	0.0020	24 52 58.7	17.407	0.208	80.4	100 105	24 2684
4965	8.8	59 12.43	2.8063	0.0010	21 48 33.5	17.402	0.211	81.3	238 248	21 2603
4966	8.1	13 59 53.92	+2.7841	−0.0014	+23 19 55.0	−17.372	+0.210	80.3	80 101	23 2647
4967	8.7	59 57.27	2.8218	0.0005	20 32 37.5	17.369	0.213	80.3	74 76	20 2919
4968	9.1	14 0 17.97	2.8164	0.0006	20 53 52.7	17.354	0.213	80.6	86 103 248	21 2605
4969	7.6	0 24.95	2.7908	0.0012	22 45 56.7	17.349	0.212	81.3	238 257	22 2661
4970	9.0	0 27.69	2.7931	0.0011	22 35 46.4	17.347	0.212	81.3	240 257	22 2662
4971	8.4	14 0 31.79	+2.7736	−0.0016	+23 59 11.1	−17.344	+0.211	80.3	80 101	24 2685
4972	8.8	0 53.10	2.8179	0.0005	20 42 11.9	17.329	0.214	80.7	86 103 259 266	20 2920
4973	9.0	1 5.31	2.7640	0.0018	24 34 25.8	17.320	0.211	80.4	100 105	24 2687
4974	9.1	1 5.37	2.8163	0.0005	20 47 51.6	17.320	0.214	81.1	103(½) 248 251	— —
4975	9.0	1 11.77	2.8162	0.0005	20 47 17.9	17.315	0.215	81.1	86 240 251 257	20 2921
4976	8.9	14 1 27.60	+2.7749	−0.0015	+23 44 40.7	−17.303	+0.212	80.3	80 101	23 2651
4977	9.2	1 31.63	2.8235	0.0003	20 12 0.7	17.300	0.216	80.3	74 76	20 2922
4978	8.9	1 34.63	2.7843	0.0012	23 3 27.1	17.298	0.213	80.3	80 101	23 2652
4979	9.0	1 38.67	2.8190	0.0004	20 31 0.9	17.295	0.216	80.6	86 103 263	20 2924
4980	9.0	1 56.94	2.7655	0.0016	24 19 57.7	17.282	0.212	80.4	100 105	24 2689
4981	8.7	14 1 59.58	+2.8115	−0.0005	+21 1 7.6	−17.280	+0.216	81.3	238 257	21 2609
4982	8.3	2 5.53	2.8112	0.0005	21 1 47.6	17.275	0.216	81.3	238 257	21 2610
4983	8.5	2 19.30	2.8095	0.0005	21 7 19.5	17.265	0.216	81.3	238 259 266	21 2612
4984	9.3	2 19.64	2.8148	0.0004	20 43 52.6	17.265	0.216	81.3	240 248 263	20 2928
4985	7.9 [3]	2 25.53	2.8001	0.0007	21 47 21.5	17.260	0.215	81.3	240 259 266	21 2613
4986	8.8	14 2 29.91	+2.8254	−0.0001	+19 55 12.7	−17.257	+0.217	80.6	74 76 263	20 2930
4987	8.3	2 30.32	2.7809	0.0012	23 9 28.8	17.257	0.214	80.3	80 101	23 2653
4988	6.6	2 31.75	2.7559	0.0018	24 54 33.4	17.256	0.212	80.4	100 105	25 2733
4989	8.6	3 1.71	2.8226	0.0001	20 3 36.1	17.233	0.218	80.6	74 76 263	20 2932
4990	7.3	3 41.87	2.8076	0.0004	21 3 54.8	17.203	0.218	81.3	238 259 266	21 2618
4991	8.5	14 3 54.57	+2.7695	−0.0013	+23 44 50.0	−17.194	+0.215	81.3	251 260	23 2657
4992	7.1	3 54.72	2.8173	0.0002	20 19 55.7	17.194	0.219	80.6	86 103 263	20 2933
4993	8.7	4 13.98	2.7587	0.0015	24 26 39.7	17.179	0.215	80.4	100 105	24 2694
4994	8.5	4 20.72	2.8217	0.0000	19 56 49.6	17.174	0.220	80.6	74 76 267	20 2934
4995	9.0	4 45.99	2.8024	0.0004	21 17 23.0	17.155	0.219	81.3	238 259 266	21 2620
4996	9.1	14 5 7.72	+2.7515	−0.0015	+24 47 46.6	−17.139	+0.216	81.3	251 260	24 2697
4997	9.1	5 20.00	2.7584	0.0014	24 17 37.2	17.129	0.217	81.3	251 260	24 2698
4998	8.3	5 23.62	2.7865	0.0007	22 19 52.4	17.127	0.219	81.3	238 259 266	22 2671
4999	8.5	5 28.90	2.7728	0.0010	23 16 56.3	17.123	0.218	80.9	101 257	23 2661
5000	8.9	5 44.00	2.7850	0.0007	22 23 37.4	17.111	0.219	81.3	240 259 266	22 2672

[1] Maj. bor. pr. [2] Z. 74 76 238 259 266 [3] Com. 9m 5s

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5001	8.9	14h 5m 55s.53	+2s.8056	−0s.0002	+20° 54′ 3″.3	−17″.102	+0″.221	80.8	86 103 251 267	20° 2940
5002	9.0	6 16.64	2.8182	+0.0001	19 56 56.4	17.086	0.222	80.3	74 76 86 103	20 2941
5003	9.0	6 20.38	2.8120	0.0000	20 23 13.0	17.083	0.222	81.0	86 251 262	20 2942
5004	7.4	6 21.02	2.8002	−0.0003	21 13 53.3	17.083	0.221	81.3	238 259 266	21 2625
5005	9.0	6 29.99	2.7969	−0.0004	21 26 44.2	17.076	0.221	81.3	240 257	21 2626
5006	8.1	14 6 50.69	+2.7745	−0.0008	+22 57 49.4	−17.060	+0.220	80.9	101 260	23 2662
5007	8.7	6 57.88	2.7532	−0.0013	24 24 7.7	17.055	0.219	80.4	100 105	24 2700
5008	8.9	7 25.82	2.7592	−0.0011	23 55 23.0	17.033	0.220	80.9	101 260	24 2704
5009	8.9	7 34.14	2.7530	−0.0012	24 19 6.1	17.027	0.219	80.6	100 105 240	24 2705
5010	9.0	7 36.49	2.7897	−0.0004	21 47 47.1	17.025	0.222	81.3	238 257	21 2627
5011	8.6	14 7 57.24	+2.8058	0.0000	+20 36 59.9	−17.009	+0.224	80.6	74 76 267	20 2944
5012	8.8	7 58.38	2.7679	−0.0009	23 14 51.1	17.008	0.221	80.4	100 105	23 2664
5013	8.1	8 5.89	2.8119	+0.0001	20 9 58.0	17.002	0.225	80.6	74 76 269	20 2945
5014	8.7	8 26.79	2.7991	−0.0001	21 1 20.4	16.986	0.224	80.7	86 103 262	21 2629
5015	8.0	8 53.28	2.7843	−0.0004	21 59 52.8	16.966	0.224	81.3	251 259 266	22 2677
5016	6.6	14 8 53.51	+2.7776	−0.0006	+22 27 27.5	−16.965	+0.223	81.4	259 263 266	22 2678
5017	8.8	9 3.55	2.7636	−0.0008	23 23 18.3	16.958	0.222	80.9	101 260	23 2668
5018	8.8	9 10.47	2.7960	−0.0001	21 8 38.9	16.952	0.225	81.3	251 257 267	21 2630
5019	6.6	9 12.99	2.8053	+0.0001	20 29 5.9	16.950	0.226	80.3	74 76 86 103	20 2949
5020	6.4	9 18.12	2.7499	−0.0011	24 16 12.8	16.946	0.222	80.4	100 105	24 2707
5021	9.0	14 9 28.95	+2.7960	−0.0001	+21 5 59.2	−16.938	+0.226	81.3	251 257	21 2631
5022	9.1	9 43.00	2.7432	−0.0012	24 39 3.5	16.927	0.222	80.7	100 105 267	24 2708
5023	9.0	10 6.81	2.8087	+0.0003	20 7 50.4	16.908	0.228	80.3	74 76 86 103	20 2952
5024	7.9	10 22.96	2.7838	−0.0003	21 49 28.9	16.896	0.226	81.4	259 263 266	21 2632
5025	9.0	10 31.61	2.7521	−0.0009	23 56 31.0	16.889	0.224	80.9	101 260	24 2709
5026	5.8	14 10 44.10	+2.7993	+0.0001	+20 42 20.8	−16.879	+0.228	80.7	86 103 262	} 20 2954
5027	8.7	10 44.13	2.7994	+0.0001	20 42 16.5	16.879	0.228	80.7	86 103 262	
5028	8.9	10 44.78	2.7854	−0.0002	21 39 51.2	16.878	0.227	81.3	251 257	21 2633
5029	8.4	10 49.77	2.7618	−0.0007	23 15 26.3	16.874	0.225	80.9	101 260	23 2671
5030	8.6	10 52.51	2.7496	−0.0009	24 3 24.6	16.872	0.224	80.4	100 105	24 2711
5031	9.0[1]	14 11 16.30	+2.7378	−0.0011	+24 46 22.8	−16.854	+0.224	81.4	260 263 269	24 2712
5032	9.3	11 20.19	2.7330	−0.0012	25 4 40.0	16.850	0.223	81.0	100 267 269	25 2752
5033	8.7	11 20.59	2.7850	−0.0001	21 36 49.4	16.850	0.227	81.3	251 259 266	21 2634
5034	8.4	11 21.00	2.7855	−0.0001	21 34 49.3	16.850	0.227	81.3	251 259 266	21 2635
5035	8.9	12 17.07	2.7446	−0.0009	24 11 15.2	16.805	0.226	80.4	100 105	24 2714
5036	9.1	14 12 25.74	+2.7807	−0.0001	+21 45 56.0	−16.798	+0.229	81.3	251 257	21 2637
5037	6.7	12 34.38	2.7786	−0.0002	21 52 59.0	16.792	0.229	81.4	257 267	21 2638
5038	8.9	12 39.14	2.7378	−0.0010	24 34 38.1	16.788	0.226	81.4	260 263	24 2715
5039	8.0	12 44.79	2.7758	−0.0002	22 3 4.1	16.783	0.229	81.4	259 263 266	22 2683
5040	8.9	12 55.11	2.7515	−0.0007	23 38 46.2	16.775	0.227	80.9	101 260	23 2677
5041	8.0	14 12 59.19	+2.7992	+0.0003	+20 25 58.5	−16.772	+0.231	80.6	74 76 269	20 2957
5042	9.0	13 31.34	2.7649	−0.0003	22 40 29.4	16.746	0.229	81.3	251 257	22 2685
5043	9.0	13 45.19	2.8021	+0.0005	20 8 8.3	16.735	0.232	80.3	74 76 86 103	20 2961
5044	8.8	13 57.50	2.8026	+0.0005	20 4 45.4	16.725	0.233	80.6	74 76 267	20 2962
5045	8.4	13 58.12	2.7425	−0.0007	24 4 46.0	16.724	0.228	80.4	100 105	24 2719
5046	9.0[2]	14 14 24.50	+2.7485	−0.0006	+23 37 46.3	−16.703	+0.229	80.9	101 260	23 2682
5047	7.2	15 12.82	2.7970	+0.0005	20 18 16.6	16.664	0.234	80.6	74 76 267	20 2966
5048	9.0	15 16.65	2.7672	−0.0001	22 17 36.6	16.661	0.232	81.3	251 257	22 2686
5049	8.4	15 16.83	2.7640	−0.0002	22 29 55.5	16.661	0.232	81.4	257 263	22 2687
5050	8.0	15 31.65	2.7293	−0.0008	24 42 29.1	16.649	0.229	80.4	100 105	24 2723

[1] Z. 260 dupl.? [2] Z. 101 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5051	8.8	14h 15m 39s.90	+2s.7719	0s.0000	+21° 55′ 43″.1	−16″.642	+0″.233	81.3	251 259 266	22° 2688
5052	9.0	15 43.71	2.7735	+0.0001	21 49 9.2	16.639	0.233	81.4	259 266	21 2642
5053	8.4	15 51.64	2.8013	+0.0006	19 56 14.9	16.633	0.235	80.3	74 76	20 2968
5054	9.0	15 58.15	2.7282	−0.0008	24 42 59.6	16.627	0.230	80.4	100 105	24 2724
5055	9.3	16 10.40	2.7953	+0.0005	20 18 17.1	16.617	0.235	80.3	74 76	20 2969
5056	7.6	14 16 12.39	+2.7942	+0.0005	+20 22 40.5	−16.616	+0.235	80.7	86 103 262	20 2970
5057	8.5	16 30.58	2.7350	−0.0006	24 12 32.2	16.601	0.231	80.4	100 105	24 2725
5058	8.1	16 46.37	2.7824	+0.0003	21 5 38.4	16.588	0.235	80.7	86 103 262	21 2643
5059	8.3	17 18.37	2.7259	−0.0007	24 40 35.3	16.562	0.231	80.4	100 105	24 2728
5060	9.0	17 23.32	2.7489	−0.0003	23 12 2.6	16.557	0.233	80.9	101 257	23 2688
5061	8.1	14 17 37.48	+2.7540	−0.0001	+22 50 29.4	−16.546	+0.234	81.3	251 259 266	22 2693
5062	9.4	18 12.06	2.7215	−0.0007	24 49 33.8	16.517	0.232	80.7	100 105 267	24 2730
5063	8.9	18 16.49	2.7484	−0.0002	23 7 8.4	16.514	0.234	80.9	101 257	23 2690
5064	9.0	18 20.94	2.7697	+0.0002	21 44 14.3	16.510	0.236	81.3	251 259 266	21 2647
5065	8.2	18 31.64	2.7649	+0.0002	22 1 18.0	16.501	0.236	81.4	260 263	22 2695
5066	8.9	14 18 34.17	+2.7610	+0.0001	+22 16 23.2	−16.499	+0.236	81.4	259 263 266	22 2696
5067	6.7	19 2.83	2.7654	+0.0002	21 55 33.0	16.475	0.237	81.3	251 259 266	22 2697
5068	8.3	19 3.39	2.7449	−0.0002	23 14 19.8	16.475	0.235	80.9	101 257	23 2692
5069	8.4	19 10.58	2.7934	+0.0008	20 4 34.8	16.469	0.239	80.6	74 76 262	20 2975
5070	8.7	19 38.57	2.7548	+0.0001	22 31 56.8	16.445	0.237	81.4	260 263	22 2698
5071	7.1	14 19 42.04	+2.7757	+0.0005	+21 10 29.6	−16.442	+0.239	80.7	86 103 267	21 2649
5072	9.0	19 55.74	2.7275	−0.0004	24 13 9.4	16.431	0.235	80.9	100 105 260 267	24 2733
5073	9.1	19 58.96	2.7273	−0.0004	24 13 21.3	16.428	0.235	81.1	100 262 269	— —
5074	9.0	20 2.26	2.7490	0.0000	22 51 13.6	16.426	0.237	81.3	251 257	22 2699
5075	9.0	20 8.50	2.7275	−0.0004	24 11 11.5	16.420	0.235	80.9	105 260	24 2734
5076	8.5	14 20 10.12	+2.7402	−0.0002	+23 23 35.8	−16.419	+0.237	80.9	101 262	23 2694
5077	8.5	20 27.30	2.7543	+0.0001	22 27 53.7	16.405	0.238	81.4	257 263	22 2701
5078	8.8	20 32.53	2.7931	+0.0009	19 56 32.0	16.400	0.241	80.6	74 76 267	20 2977
5079	8.8	20 33.79	2.7664	+0.0004	21 40 38.5	16.399	0.239	81.4	259 266	21 2652
5080	8.9	20 40.17	2.7879	+0.0008	20 16 13.9	16.394	0.241	80.6	74 76 269	20 2978
5081	8.1	14 20 53.65	+2.7583	+0.0003	+22 9 8.7	−16.382	+0.239	81.3	251 260	22 2705
5082	8.6	21 41.21	2.7389	0.0000	23 16 35.8	16.342	0.239	80.9	101 257	23 2698
5083	9.0	21 47.21	2.7718	+0.0006	21 10 49.2	16.337	0.242	80.7	86 103 262	21 2655
5084	8.9	22 9.24	2.7592	+0.0004	21 56 23.1	16.319	0.241	81.3	251 259 266	} 22 2706
5085	8.9	22 9.55	2.7592	+0.0004	21 56 25.8	16.318	0.241	81.4	259 266	
5086	9.2	14 22 19.05	+2.7660	+0.0005	+21 29 10.1	−16.310	+0.242	81.4	262 263	21 2656
5087	8.6	22 26.09	2.7702	+0.0006	21 12 26.6	16.304	0.242	80.6	86 103 257	21 2657
5088	6.8	23 12.12	2.7669	+0.0006	21 19 32.3	16.265	0.243	80.6	86 103 257	21 2658
5089	8.7	24 5.83	2.7838	+0.0010	20 8 36.3	16.219	0.246	80.6	74 76 263	20 2981
5090	9.1	24 17.24	2.7105	−0.0002	24 40 43.5	16.209	0.240	80.4	100 105	24 2737
5091	9.1	14 24 31.86	+2.7856	+0.0011	+19 58 59.1	−16.197	+0.247	80.6	74 76 269	20 2983
5092	9.1	24 46.24	2.7616	+0.0007	21 28 42.2	16.184	0.245	81.3	251 259 266	21 2659
5093	9.1	25 50.07	2.7014	−0.0002	25 1 18.2	16.129	0.241	81.3	251 260 269	25 2792
5094	8.6	26 20.00	2.7400	+0.0004	22 37 58.2	16.103	0.245	81.4	260 267	22 2714
5095	6.0	26 51.64	2.7361	+0.0004	22 48 41.2	16.076	0.246	81.4	260 267	22 2715
5096	9.1	14 27 6.62	+2.7697	+0.0010	+20 42 17.3	−16.063	+0.249	81.1	76 262 267	20 2986
5097	9.1	27 23.47	2.7410	+0.0005	22 26 47.4	16.048	0.247	81.4	252a(½) 259 266	22 2716
5098	8.6	27 29.72	2.7236	+0.0003	23 29 14.5	16.043	0.245	81.1	101 260 267	23 2706
5099	8.7	27 56.27	2.7191	+0.0002	23 42 17.0	16.019	0.245	80.9	101 260	23 2708
5100	9.1	28 27.00	2.7660	+0.0010	20 47 7.1	15.992	0.250	80.3	74 76 86 103	20 2988

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5101	8.9	14h 28m 31s.52	+2s.7469	+0s.0007	+21° 57′ 28″.2	−15″.988	+0″.249	81.3	251 252a(½) 259 266	22° 2718
5102	7.8	28 43.44	2.6965	0.0000	24 56 28.4	15.978	0.245	80.4	107 109	25 2796
5103	7.9	28 48.81	2.6962	0.0000	24 56 58.0	15.973	0.245	80.4	107 109	25 2797
5104	9.0	29 10.22	2.6947	0.0000	24 59 13.2	15.954	0.245	80.7	107 109 251	25 2799
5105	8.4	29 27.85	2.7099	0.0002	24 3 56.4	15.939	0.247	80.4	100 105	24 2740
5106	9.0	14 29 58.93	+2.7602	+0.0011	+20 58 49.4	−15.911	+0.252	80.7	86 103 262	21 2665
5107	8.7	30 18.08	2.6961	0.0001	24 45 56.4	15.894	0.247	80.4	107 109	24 2743
5108	6.7	30 27.90	2.7124	0.0003	23 47 43.4	15.885	0.248	81.1	101 257 267	23 2710
5109	9.1[1]	30 28.38	2.7760	0.0014	19 57 8.0	15.885	0.254	80.3	74 76 103	20 2992
5110	8.0	30 38.83	2.6995	0.0002	24 31 41.3	15.876	0.247	80.4	100 105	24 2744
5111	8.8	14 30 43.25	+2.7163	+0.0004	+23 32 6.0	−15.872	+0.249	80.9	101 257	23 2711
5112	8.0	30 54.17	2.7051	0.0003	24 10 3.0	15.862	0.248	81.3	251 260	24 2745
5113	9.1	30 54.50	2.7619	0.0012	20 46 19.3	15.862	0.253	80.7	86 103 262	20 2993
5114	9.3	30 58.34	2.7350	0.0007	22 23 39.0	15.858	0.251	81.3	251 252a(½) 259 266	22 2721
5115	7.5	31 17.64	2.6898	0.0001	25 0 28.0	15.841	0.247	80.4	107 109	25 2804
5116	7.8	14 31 40.63	+2.7676	+0.0013	+20 20 43.5	−15.820	+0.255	80.3	74 76 86	20 2996
5117	7.9	31 43.02	2.7667	0.0013	20 23 36.0	15.818	0.255	80.9	103 257	20 2997
5118	8.9	31 46.79	2.7739	0.0014	19 56 41.2	15.815	0.256	80.6	74 76 267	20 2998
5119	9.2	31 59.96	2.7395	0.0009	22 0 48.5	15.803	0.253	81.3	251 252a(½) 259 266	22 2724
5120	7.7	32 42.23	2.7650	0.0014	20 23 51.2	15.765	0.256	80.6	86 103 257	20 3000
5121	8.9	14 33 1.57	+2.6953	+0.0003	+24 28 46.1	−15.748	+0.250	80.4	107 109	24 2750
5122	9.4	33 33.69	2.7295	0.0009	22 26 0.6	15.718	0.254	81.3	251 259 266	22 2726
5123	9.1	33 59.47	2.7657	0.0015	20 13 19.1	15.695	0.258	80.7	86 103 262	20 3005
5124	8.6	34 6.73	2.7235	0.0008	22 43 14.4	15.688	0.254	81.4	260 267	22 2727
5125	9.0	34 13.20	2.7673	0.0015	20 6 0.1	15.683	0.258	81.4	257 269	20 3006
5126	5.9	14 34 41.22	+2.7260	+0.0009	+22 30 45.2	−15.657	+0.255	81.4	259 266	22 2731
5127	9.0	34 46.59	2.7608	0.0015	20 26 3.4	15.652	0.258	81.4	262 267	20 3007
5128	8.9	35 19.72	2.7237	0.0009	22 34 35.3	15.622	0.256	81.4	259 266	22 2736
5129	8.9	35 41.64	2.7010	0.0006	23 50 39.5	15.602	0.254	80.7	96 98 269	23 2721
5130	8.7	35 43.31	2.6936	0.0005	24 15 29.9	15.600	0.254	81.4	262 267	24 2757
5131	9.0	14 36 6.95	+2.6843	+0.0004	+24 44 17.8	−15.579	+0.253	81.4	260 269	24 2760
5132	7.5	36 11.56	2.6782	0.0004	25 4 26.4	15.574	0.253	80.4	107 109	25 2816
5133	6.4	36 12.05	2.7377	0.0012	21 39 37.0	15.574	0.258	81.4	259 266	21 2674
5134	7.4	36 42.23	2.7340	0.0012	21 49 41.4	15.546	0.259	81.4	252a(½) 262 267	21 2676
5135	9.2	36 44.29	2.6772	0.0004	25 3 50.6	15.544	0.253	80.4	107 109	25 2817
5136	8.0	14 36 52.22	+2.7473	+0.0014	+21 1 30.4	−15.537	+0.260	81.4	259 266	21 2677
5137	8.6	37 7.21	2.7325	0.0012	21 52 5.8	15.523	0.259	81.4	262 267	21 2678
5138	9.0	37 17.39	2.7464	0.0014	21 2 4.9	15.514	0.261	81.4	259 266	21 2680
5139	8.5	37 18.29	2.7246	0.0011	22 18 23.1	15.513	0.259	81.4	252a(½) 260 267	22 2738
5140	9.2	37 29.49	2.6777	0.0005	24 56 44.8	15.503	0.254	80.4	107 109	25 2820
5141	8.7	14 37 51.60	+2.7232	+0.0011	+22 19 46.6	−15.482	+0.259	81.4	252a(½) 259 266	22 2739
5142	9.0	37 52.11	2.7521	0.0015	20 38 25.2	15.482	0.262	80.7	86 103 262	20 3015
5143	8.5	38 28.94	2.7046	0.0009	23 19 44.0	15.447	0.258	80.7	96 98 269	23 2729
5144	9.1	38 29.95	2.7040	0.0009	23 21 35.8	15.447	0.258	80.7	96 98 269	23 2730
5145	8.7	39 16.21	2.7204	0.0012	22 20 29.5	15.403	0.261	81.4	252a(½) 259 266	22 2743
5146	8.9	14 39 22.62	+2.6901	+0.0008	+24 2 39.4	−15.397	+0.258	80.7	96 98 260	24 2766
5147	8.9	39 24.42	2.7492	0.0016	20 39 32.4	15.396	0.264	80.7	86 103 262	20 3019
5148	8.0	39 34.80	2.7325	0.0014	21 36 51.6	15.386	0.262	81.4	262 267	21 2682
5149	8.4	39 36.98	2.7484	0.0016	20 41 1.7	15.384	0.264	80.7	86 103 269	20 3020
5150	8.5	40 14.06	2.7264	0.0013	21 53 46.7	15.349	0.263	81.4	259 266	21 2683

[1] Z. 74 dupl.? Z. 76, 103 dupl. 1s.5 med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5151	8.7	14h 40m 18s.13	+2s.6845	+0s.0008	+24° 15′ 9″.4	−15″.345	+0″.259	80.4	96 98	24° 2770
5152	8.6	40 24.40	2.7137	0.0012	22 36 17.7	15.340	0.262	81.4	252a(½) 260 267	22 2745
5153	8.5	40 32.51	2.7342	0.0015	21 24 59.8	15.332	0.264	81.4	259 266 269	21 2685
5154	8.8	40 54.58	2.6851	0.0008	24 9 0.5	15.311	0.260	80.4	96 98	24 2771
5155	7.2	41 15.34	2.7518	0.0018	20 19 30.8	15.292	0.266	80.7	86 103 271	20 3024
5156	9.3	14 41 23.19	+2.6781	+0.0008	+24 28 58.2	−15.284	+0.259	80.4	107	[24 2773]
5157	8.3	41 44.17	2.6807	0.0008	24 18 10.7	15.264	0.260	80.4	96 98	24 2775
5158	8.5	41 50.25	2.7357	0.0016	21 12 17.6	15.259	0.265	80.7	86 103 271	21 2687
5159	9.2	41 58.98	2.7083	0.0012	22 44 36.8	15.250	0.263	81.4	252a(½) 260 267	22 2749
5160	7.0	42 5.27	2.6742	0.0008	24 37 12.5	15.244	0.260	80.9	109 269	24 2776
5161	8.7	14 42 8.19	+2.7294	+0.0015	+21 32 2.4	−15.242	+0.265	81.4	259 266	21 2689
5162	8.1	42 20.17	2.7168	0.0014	22 13 47.8	15.230	0.264	81.4	252a(½) 262 267	22 2750
5163	8.5	42 23.60	2.6673	0.0007	24 57 26.2	15.227	0.260	80.4	107 109	25 2835
5164	8.0	42 30.52	2.6843	0.0009	24 1 5.7	15.220	0.261	80.4	107 109	24 2778
5165	8.0	42 32.23	2.6941	0.0011	23 28 39.5	15.219	0.262	80.4	96 98	23 2736
5166	8.0	14 42 40.76	+2.7230	+0.0015	+21 50 29.1	−15.211	+0.265	81.4	259 266	21 2690
5167	7.8	42 47.36	2.7036	0.0012	22 55 16.3	15.204	0.264	81.4	252a(½) 260 267	23 2737
5168	8.8	42 48.77	2.7359	0.0017	21 5 40.9	15.203	0.267	80.7	86 103 271	21 2691
5169	6.5	42 50.73	2.6677	0.0008	24 53 13.9	15.201	0.260	81.4	260 269	} 24 2779
5170	8.4	42 50.82	2.6677	0.0008	24 53 14.6	15.201	0.260	81.4	262 269	}
5171	9.2	14 43 15.52	+2.6675	+0.0008	+24 51 3.5	−15.178	+0.261	80.4	107 109	24 2781
5172	9.0	43 18.60	2.6902	0.0011	23 36 26.6	15.175	0.263	80.4	96 98	23 2739
5173	8.6	43 21.92	2.6815	0.0010	24 4 50.5	15.171	0.262	81.4	260 269 270	24 2783
5174	7.5	43 22.64	2.7502	0.0019	20 13 11.4	15.171	0.269	80.7	86 103 271	20 3025
5175	8.9	43 22.88	2.6899	0.0011	23 36 56.4	15.171	0.263	81.4	262 267	23 2740
5176	8.9	14 43 23.94	+2.6884	+0.0011	+23 41 49.1	−15.170	+0.263	81.4	262 270	23 2741
5177	8.1	43 26.98	2.7379	0.0017	20 55 18.0	15.167	0.268	81.4	270 271	21 2692
5178	6.7	43 44.90	2.7529	0.0020	20 1 50.1	15.150	0.270	81.4	259 266	20 3026
5179	7.1	44 6.30	2.6897	0.0011	23 33 6.8	15.129	0.264	80.9	96 260	23 2744
5180	8.9	44 7.93	2.7499	0.0019	20 9 53.0	15.128	0.270	80.4	86 103	20 3028
5181	8.7	14 44 36.58	+2.7093	+0.0014	+22 24 58.6	−15.100	+0.267	81.4	259 266	22 2754
5182	5.0	44 40.43	2.6725	0.0010	24 25 44.4	15.096	0.263	80.4	107 109	24 2786
5183	9.0	44 46.60	2.6846	0.0011	23 45 33.0	15.090	0.264	80.7	96 98 269	23 2745
5184	7.9	45 8.39	2.6900	0.0012	23 25 37.4	15.069	0.265	81.4	260 267	23 2747
5185	8.9	45 32.95	2.7004	0.0014	22 48 59.8	15.046	0.267	81.4	259 266	22 2756
5186	6.5	14 46 25.39	+2.7349	+0.0019	+20 48 19.0	−14.995	+0.271	80.7	86 103 262	20 3032
5187	7.2	46 55.58	2.6702	0.0011	24 18 51.5	14.966	0.266	80.4	107 109	24 2790
5188	8.2	47 7.16	2.6777	0.0012	23 53 13.2	14.955	0.267	80.4	96 98	23 2749
5189	8.6	47 41.19	2.7429	0.0021	20 14 15.2	14.922	0.274	80.7	86 103 262	20 3034
5190	6.5	47 48.53	2.7398	0.0020	20 24 6.9	14.914	0.274	80.7	86 103 262	20 3036
5191	8.5	14 48 14.17	+2.6762	+0.0013	+23 51 20.5	−14.889	+0.268	80.4	96 98	23 2751
5192	8.8	48 54.52	2.6707	0.0013	24 4 54.3	14.850	0.268	80.7	96 98 269	24 2794
5193	9.2	49 10.30	2.7126	0.0018	21 47 22.2	14.834	0.273	81.4	259 266	21 2699
5194	9.3	49 16.76	2.6585	0.0011	24 41 2.3	14.828	0.268	80.4	107 109	24 2795
5195	7.3	49 20.13	2.6694	0.0013	24 6 8.2	14.825	0.269	80.4	96 98	24 2796
5196	8.8	14 49 29.69	+2.7145	+0.0018	+21 39 10.7	−14.815	+0.273	81.4	259 266	21 2700
5197	8.9	49 35.35	2.6727	0.0013	23 54 10.1	14.810	0.269	80.7	96 98 269	23 2752
5198	8.4	50 8.82	2.7246	0.0020	21 2 18.7	14.777	0.275	80.7	86 103 262	21 2701
5199	9.0	50 21.81	2.7394	0.0022	20 11 54.4	14.764	0.277	80.4	103	[20 3041]
5200	8.9	50 22.46	2.6934	0.0016	22 43 3.4	14.763	0.272	81.4	260 267	22 2761

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5201	6.5	$14^h\ 50^m\ 28^s.44$	+2^s.6522	+0^s.0012	+24° 53′ 35″.7	−14″.757	+0″.268	80.4	107 109	24° 2798
5202	8.9	51 2.26	2.7133	0.0019	21 34 26.6	14.724	0.275	81.4	259 266	21 2704
5203	9.0	51 5.26	2.7381	0.0022	20 12 19.0	14.721	0.278	81.1	86 262 267	20 3043
5204	8.9	51 15.74	2.7223	0.0020	21 3 49.0	14.711	0.276	80.7	86 103 262	21 2705
5205	6.0	51 25.71	2.7037	0.0018	22 3 38.1	14.701	0.275	81.4	259 266	22 2764
5206	7.4	14 53 17.13	+2.6509	+0.0013	+24 40 10.7	−14.590	+0.272	80.4	107 109	24 2803
5207	8.3	53 47.55	2.7217	0.0022	20 52 14.5	14.559	0.279	80.7	86 103 262	20 3051
5208	9.5	53 57.63	2.6700	0.0016	23 36 47.9	14.549	0.274	80.9	96 98 260 269	23 2756
5209	9.1	53 58.49	2.6882	0.0018	22 39 9.3	14.548	0.276	81.4	259 266	22 2767
5210	8.7	54 32.58	2.6999	0.0019	21 58 45.2	14.514	0.278	81.4	259 266	22 2769
5211	8.9	14 54 36.57	+2.6773	+0.0017	+23 10 4.1	−14.510	+0.276	80.7	96 98 262	23 2758
5212	8.9	54 41.93	2.6998	0.0020	21 58 17.4	14.505	0.278	81.4	259 266	22 2770
5213	9.0	54 50.41	2.6888	0.0018	22 32 20.9	14.496	0.277	81.4	259 267	22 2771
5214	6.3	55 16.18	2.6880	0.0019	22 32 29.8	14.470	0.278	81.4	259 266	22 2772
5215	9.0	55 46.05	2.6525	0.0015	24 20 41.1	14.440	0.275	80.4	96 98 107 109	24 2810
5216	9.0	14 55 55.38	+2.6918	+0.0019	+22 16 56.6	−14.430	+0.279	81.4	260 267	22 2773
5217	9.0	56 19.54	2.6867	0.0019	22 30 46.5	14.406	0.279	81.4	259 266	22 2775
5218	8.8	56 45.43	2.6405	0.0014	24 51 26.9	14.380	0.275	80.4	107 109	24 2811
5219	8.4	57 5.86	2.7152	0.0023	20 56 0.8	14.359	0.283	80.7	86 103 269	21 2715
5220	8.4	57 30.77	2.6465	0.0016	24 28 51.7	14.334	0.276	80.4	96 98 107 109	24 2814
5221	8.7	14 57 44.52	+2.7079	+0.0022	+21 16 6.9	−14.320	+0.283	81.4	262 267	21 2716
5222	9.0	57 45.32	2.7175	0.0023	20 45 13.2	14.319	0.284	80.9	86 103 259 266	20 3053
5223	9.1	58 5.78	2.7199	0.0024	20 35 47.8	14.298	0.284	81.4	267 269 271	20 3054
5224	8.8	58 41.74	2.7073	0.0023	21 13 13.0	14.261	0.284	81.4	262 267	21 2719
5225	8.8	58 46.32	2.6604	0.0018	23 39 16.1	14.256	0.279	81.4	260 269	23 2764
5226	7.3	14 58 48.88	+2.7238	+0.0025	+20 19 46.2	−14.254	+0.286	81.4	259 266	20 3056
5227	7.5	59 12.40	2.6742	0.0019	22 54 19.2	14.229	0.281	81.4	260 267	22 2780
5228	9.2	59 38.38	2.6323	0.0016	24 59 27.5	14.203	0.277	80.4	107 109	25 2869
5229	9.0	59 40.90	2.6848	0.0021	22 18 43.6	14.200	0.283	81.4	260 267	22 2782
5230	8.4	15 0 1.37	2.7116	0.0024	20 52 44.1	14.179	0.286	81.4	259 266	20 3057
5231	9.1	15 0 16.85	+2.7151	+0.0025	+20 40 30.1	−14.163	+0.286	80.7	86 103 271	20 3059
5232	8.6	0 18.35	2.6670	0.0019	23 10 24.5	14.162	0.282	80.3	90 94	23 2772
5233	8.9	0 22.14	2.6532	0.0018	23 52 23.1	14.158	0.280	80.4	96 98	23 2773
5234	8.9	0 27.00	2.6389	0.0017	24 34 57.4	14.153	0.279	80.4	107 109	24 2817
5235	9.1	1 21.75	2.7104	0.0025	20 49 56.4	14.096	0.287	80.3	88 92	20 3063
5236	8.4	15 1 33.20	+2.6780	+0.0021	+22 29 59.5	−14.084	+0.284	81.4	259 266	22 2785
5237	8.8	1 39.20	2.7192	0.0026	20 20 34.6	14.078	0.288	80.7	86 103 262	20 3064
5238	8.2	1 41.94	2.6671	0.0020	23 2 52.7	14.075	0.283	80.3	90 94	23 2775
5239	7.5	1 44.77	2.6602	0.0020	23 23 28.4	14.072	0.282	80.7	96 98 260	23 2776
5240	9.0	2 6.55	2.6872	0.0022	21 58 48.8	14.049	0.286	80.3	90 94	22 2788
5241	8.7	15 2 18.25	+2.6885	+0.0023	+21 53 36.1	−14.037	+0.286	81.4	259 266	21 2726
5242	8.1	2 33.55	2.6944	0.0023	21 34 11.2	14.021	0.287	80.3	88 92	21 2727
5243	8.5	2 37.04	2.7244	0.0027	19 59 37.7	14.018	0.290	80.7	86 103 262	20 3068
5244	8.6	2 45.21	2.6945	0.0023	21 32 58.6	14.009	0.287	80.3	88 92	21 2728
5245	9.1	2 46.37	2.7231	0.0027	20 2 55.4	14.008	0.290	80.7	86 103 262	20 3069
5246	8.6	15 2 59.73	+2.6985	+0.0024	+21 19 14.1	−13.994	+0.288	81.4	259 266	21 2729
5247	9.0	3 20.08	2.6562	0.0020	23 27 16.5	13.973	0.284	80.3	90 94	23 2778
5248	8.9	3 24.08	2.6308	0.0018	24 42 31.6	13.968	0.281	80.4	96 98 107 109	24 2823
5249	8.8	3 28.18	2.6783	0.0022	22 19 10.8	13.964	0.286	80.3	88 92	22 2792
5250	8.6	3 47.23	2.6591	0.0020	23 16 3.7	13.944	0.285	80.6	90 94 267	23 2780

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5251	9.0	15^h 4^m $19^s.01$	$+2^s.7045$	$+0^s.0025$	$+20°$ $54'$ $0''.3$	$-13''.911$	$+0''.290$	80.9	86 103 259 266	20° 3072
5252	8.6	4 31.45	2.6764	0.0023	22 19 36.4	13.898	0.287	80.7	96 98 260	22 2795
5253	8.5	4 57.77	2.7050	0.0026	20 49 30.4	13.870	0.291	80.9	86 103 259 266	20 3075
5254	8.5	5 7.09	2.6596	0.0021	23 7 27.4	13.860	0.286	80.3	90 94	23 2782
5255	8.6	5 29.76	2.6673	0.0022	22 42 19.4	13.836	0.288	80.7	96 98 260	22 2797
5256	6.6	15 5 55.09	+2.7095	+0.0027	+20 31 0.7	−13.810	+0.292	80.9	86 103 259 266	20 3076
5257	7.9	6 2.67	2.6804	0.0024	21 59 54.6	13.802	0.290	80.3	88 92	22 2799
5258	8.7	6 9.20	2.6258	0.0019	24 42 26.5	13.795	0.284	80.4	96 98 107 109	24 2829
5259	8.6	6 17.55	2.6499	0.0021	23 30 28.5	13.786	0.287	80.3	90 94	23 2784
5260	8.8	6 23.84	2.6879	0.0025	21 35 20.4	13.779	0.291	80.3	88 92	21 2733
5261	6.1	15 6 31.09	+2.6640	+0.0022	+22 47 9.6	−13.771	+0.288	80.7	96 98 260	22 2801
5262	9.1	6 53.92	2.7140	0.0028	20 12 11.8	13.747	0.294	80.7	86 103 262	20 3079
5263	8.3	7 12.48	2.7121	0.0028	20 16 42.7	13.728	0.294	80.7	86 103 262	20 3080
5264	8.6	7 19.33	2.7023	0.0027	20 46 40.4	13.720	0.293	80.3	88 92	20 3082
5265	8.7	7 46.96	2.6883	0.0025	21 27 11.0	13.691	0.292	80.3	88 92	21 2736
5266	6.7	15 8 0.29	+2.6481	+0.0022	+23 26 55.4	−13.677	+0.288	80.6	90 94 267	23 2789
5267	8.2	8 39.50	2.6951	0.0026	21 2 29.4	13.635	0.294	80.7	88 92 271	21 2739
5268	8.5	8 40.41	2.7069	0.0028	20 26 15.2	13.634	0.295	80.7	86 103 262	20 3083
5269	9.0	8 58.83	2.6172	0.0020	24 52 14.9	13.614	0.286	80.4	96 98 107 109	24 2831
5270	8.6	9 11.10	2.6792	0.0025	21 48 4.0	13.601	0.293	80.6	88 92 267	21 2741
5271	8.2	15 9 56.31	+2.6537	+0.0023	+23 0 41.7	−13.552	+0.291	80.3	90 94	23 2791
5272	9.1	10 39.81	2.6837	0.0026	21 27 46.8	13.506	0.295	80.3	88 92	21 2747
5273	9.1	10 44.99	2.6782	0.0026	21 43 59.0	13.500	0.295	80.3	88 92	21 2748
5274	8.0	10 56.54	2.6932	0.0027	20 57 47.2	13.488	0.296	80.7	86 103 271	21 2749
5275	8.2	11 0.98	2.6315	0.0022	24 0 22.0	13.483	0.290	80.4	107 109	24 2838
5276	8.9	15 11 14.75	+2.6334	+0.0022	+23 53 30.5	−13.468	+0.290	80.3	90 94	23 2794
5277	8.5	11 20.22	2.7094	0.0029	20 6 36.6	13.462	0.299	80.7	86 103 262	20 3088
5278	8.2	11 39.82	2.6822	0.0027	21 27 25.6	13.441	0.296	80.3	88 92	21 2751
5279	8.0	11 56.41	2.6556	0.0024	22 45 26.9	13.423	0.294	80.3	90 94	22 2811
5280	9.3	12 28.71	2.6520	0.0024	22 53 21.2	13.388	0.294	81.4	258 270	[22 2812]
5281	9.2	15 12 44.48	+2.6514	+0.0024	+22 53 53.6	−13.371	+0.294	80.6	90 94 256	22 2814
5282	5.4	12 48.26	2.6890	0.0028	21 1 51.4	13.367	0.298	80.9	86 103 259 266	21 2755
5283	8.9	13 26.54	2.6608	0.0026	22 22 45.9	13.325	0.296	80.3	88 92	22 2815
5284	8.7	13 49.32	2.6331	0.0023	23 41 36.9	13.300	0.293	80.3	90 94	23 2798
5285	8.9	14 32.73	2.6238	0.0023	24 4 55.1	13.253	0.293	80.4	96 98 107 109	24 2847
5286	9.5	15 14 39.07	+2.6235	+0.0023	+24 5 2.5	−13.246	+0.293	80.4	109	[24 2848]
5287	9.0	14 45.03	2.6362	0.0024	23 28 9.1	13.239	0.295	80.3	90 94	23 2801
5288	8.8	14 58.24	2.6452	0.0025	23 1 8.8	13.225	0.296	81.0	5 Beob.[1]	23 2802
5289	9.2	14 59.82	2.6548	0.0026	22 33 18.1	13.223	0.297	80.7	96 98 260	22 2819
5290	8.6	15 13.23	2.6669	0.0027	21 56 37.7	13.208	0.298	80.3	88 92	22 2820
5291	8.5	15 15 25.38	+2.6753	+0.0028	+21 30 59.9	−13.195	+0.300	80.3	88 92	21 2759
5292	9.3	15 41.83	2.6835	0.0029	21 5 27.3	13.177	0.301	80.9	86 103 259 266	21 2761
5293	8.6	15 42.12	2.6576	0.0026	22 21 43.9	13.176	0.298	81.4	256 258 270	22 2821
5294	8.5	15 50.44	2.6310	0.0024	23 37 52.2	13.167	0.295	80.3	90 94	23 2804
5295	8.6	16 5.86	2.6575	0.0026	22 20 10.2	13.150	0.298	81.4	256 258 270	22 2822
5296	6.9	15 16 8.97	+2.6059	+0.0022	+24 47 37.0	−13.147	+0.293	80.4	96 98 107 109	24 2850
5297	8.3	16 22.83	2.6654	0.0027	21 55 50.6	13.132	0.299	80.3	88 92	22 2824
5298	9.1	16 27.34	2.6571	0.0027	22 19 47.0	13.127	0.299	80.9	90 94 260 267	22 2826
5299	8.1	16 49.43	2.6761	0.0028	21 22 35.3	13.102	0.301	80.3	88 92	21 2764
5300	9.1	16 54.29	2.6038	0.0023	24 49 48.1	13.097	0.293	80.4	96 98 107 109	24 2853

[1] Z. 90 94 256 258 270

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5301	8.3	15h 17m 0s.36	+2s.6865	+0s.0029	+20° 50′ 51″.3	−13″.090	+0″.302	80.9	86 103 259 266	20° 3100
5302	9.0	17 50.38	2.6956	0.0030	20 20 22.0	13.035	0.304	81.0	5 Beob. [1]	20 3101
5303	8.7	18 28.62	2.6453	0.0026	22 44 37.8	12.992	0.299	80.3	90 94	22 2833
5304	9.0	18 37.44	2.6084	0.0024	24 28 37.4	12.983	0.296	80.4	96 98 107 109	24 2855
5305	8.6	18 50.02	2.6078	0.0024	24 29 14.3	12.969	0.296	80.4	96 98 107 109	24 2856
5306	8.8	15 18 59.48	+2.6965	+0.0031	+20 12 52.0	−12.958	+0.306	80.3	88 92	20 3104
5307	9.1	19 1.17	2.6930	0.0031	20 23 9.5	12.956	0.305	80.7	86 103 259	20 3103
5308	8.6	19 13.62	2.6628	0.0028	21 50 43.0	12.942	0.302	81.4	256 258 270	21 2767
5309	8.7	19 14.72	2.6234	0.0025	23 43 19.7	12.941	0.298	80.7	96 98 262	23 2808
5310	8.9	19 46.27	2.6858	0.0030	20 41 20.4	12.906	0.305	81.4	256 258 270	20 3106
5311	8.7	15 19 51.97	+2.6945	+0.0031	+20 15 11.4	−12.900	+0.306	81.4	256 258 270	20 3107
5312	9.0	20 4.01	2.6479	0.0027	22 29 56.7	12.886	0.302	81.4	260 269	22 2834
5313	8.7	20 30.49	2.6598	0.0028	21 53 57.8	12.857	0.303	81.4	260 273	} 21 2770
5314	9.4	20 31.20	2.6598	0.0028	21 53 57.4	12.856	0.303	81.4	260 273	}
5315	9.0	20 35.65	2.6616	0.0029	21 48 14.5	12.851	0.304	81.4	262 269	21 2771
5316	8.8	15 21 15.89	+2.6139	+0.0025	+24 0 42.1	−12.806	+0.299	80.7	96 98 271	24 2862
5317	8.7	21 27.80	2.6874	0.0031	20 29 35.8	12.792	0.307	81.4	256 258 270	20 3109
5318	8.9	21 40.11	2.6058	0.0025	24 21 12.9	12.778	0.298	80.4	107 109	24 2864
5319	7.9	21 51.01	2.6155	0.0026	23 53 27.1	12.766	0.300	80.7	96 98 260	23 2811
5320	8.8	21 54.38	2.6784	0.0031	20 54 10.6	12.762	0.307	81.4	256 258 270	20 3111
5321	8.8	15 22 34.62	+2.6100	+0.0026	+24 5 31.2	−12.717	+0.300	80.4	107 109	24 2866
5322	8.3	22 37.37	2.6127	0.0026	23 57 49.9	12.714	0.300	80.7	96 98 271	24 2867
5323	8.7	22 37.93	2.6855	0.0031	20 30 30.5	12.713	0.308	81.4	256 258 270	20 3112
5324	8.0	22 43.90	2.6350	0.0027	22 55 2.5	12.707	0.303	81.4	260 269	22 2840
5325	7.3	22 54.87	2.6089	0.0026	24 7 6.1	12.694	0.300	80.4	107 109	24 2869
5326	8.9	15 23 0.47	+2.6112	+0.0026	+24 0 9.3	−12.688	+0.300	80.4	96 98 107 109	24 2870
5327	9.0	23 8.13	2.6684	0.0030	21 18 1.7	12.679	0.307	81.4	262 273	21 2772
5328	8.7	23 9.36	2.6619	0.0030	21 36 40.2	12.678	0.306	81.4	262 269	21 2773
5329	9.1 [2]	23 11.36	2.6732	0.0031	21 3 47.5	12.676	0.308	81.4	262 273	21 2774
5330	7.9	23 16.81	2.6349	0.0028	22 57 47.2	12.669	0.303	81.4	260 269	22 2841
5331	9.1	15 23 42.72	+2.6388	+0.0028	+22 39 47.2	−12.640	+0.304	80.3	90 94	22 2844
5332	9.0	23 43.73	2.6772	0.0031	20 50 15.0	12.639	0.309	80.3	88 92	20 3113
5333	8.5	24 9.70	2.6150	0.0026	23 44 29.6	12.610	0.302	80.7	96 98 260	23 2819
5334	7.6	24 28.77	2.6035	0.0026	24 14 52.8	12.588	0.301	80.4	107 109	24 2873
5335	8.7	24 43.24	2.6912	0.0033	20 5 35.0	12.571	0.311	80.6	88 92 269	20 3115
5336	7.6	15 24 44.82	+2.6043	+0.0026	+24 11 12.9	−12.570	+0.301	80.4	107 109	24 2874
5337	8.8	25 34.34	2.6555	0.0030	21 44 52.3	12.513	0.308	81.4	256 258 270	21 2777
5338	8.9	26 4.24	2.6289	0.0028	22 57 22.6	12.479	0.306	80.3	90 94	23 2822
5339	7.7	26 10.72	2.6745	0.0032	20 48 13.8	12.472	0.311	80.3	88 92	20 3117
5340	8.3	26 27.89	2.6622	0.0031	21 22 0.5	12.452	0.310	81.4	256 258 270	21 2781
5341	8.1	15 26 33.73	+2.6272	+0.0028	+23 0 5.3	−12.446	+0.306	80.3	90 94	23 2823
5342	9.0	26 39.33	2.5941	0.0026	24 30 34.4	12.439	0.302	80.4	107 109	24 2880
5343	8.3	26 46.30	2.6063	0.0027	23 56 48.0	12.431	0.304	80.4	96 98	24 2881
5344	8.6	26 57.93	2.6169	0.0028	23 26 47.4	12.418	0.305	80.3	90 94	23 2824
5345	8.5	27 5.58	2.6591	0.0031	21 28 24.3	12.409	0.310	81.4	262 269	21 2783
5346	8.5	15 27 10.20	+2.5978	+0.0027	+24 18 16.1	−12.404	+0.303	80.7	96 98 271	24 2882
5347	8.1	27 12.45	2.6863	0.0033	20 10 1.0	12.401	0.313	80.3	88 92	20 3118
5348	8.6	27 49.44	2.5889	0.0026	24 39 21.2	12.359	0.303	80.4	107 109	24 2884
5349	8.6	28 5.75	2.6801	0.0033	20 24 39.9	12.340	0.313	80.7	88 92 273	20 3119
5350	9.1	28 9.34	2.6539	0.0031	21 38 46.6	12.336	0.311	81.4	262 269	21 2785

[1] Z. 86 103 256 258 270 [2] Dupl. 3″-4″ pr. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5351	9.1	15h 28m 14s.20	+2s.6114	+0s.0028	+23° 36′ 29″.1	−12″.330	+0″.306	80.3	90 94	23° 2827
5352	8.4	28 16.54	2.6057	0.0027	23 51 55.5	12.328	0.305	80.7	96 98 271	23 2828
5353	9.0	28 36.96	2.5868	0.0026	24 41 42.9	12.304	0.303	80.7	107 109 273	24 2886
5354	9.0	28 42.26	2.6247	0.0029	22 57 53.2	12.298	0.308	81.4	262 273	23 2829
5355	8.4	28 48.14	2.6006	0.0027	24 3 29.8	12.291	0.305	80.4	96 98	24 2887
5356	9.2	15 28 53.53	+2.5931	+0.0027	+24 23 19.8	−12.285	+0.304	80.7	107 109 269	24 2888
5357	8.2	28 54.96	2.6099	0.0028	23 37 49.2	12.283	0.306	80.3	90 94	23 2830
5358	8.4	29 16.46	2.6829	0.0033	20 11 58.6	12.259	0.315	80.3	88 92	20 3121
5359	8.2	29 53.21	2.6243	0.0029	22 54 17.2	12.216	0.309	80.7	90 94 271	22 2857
5360	9.2	30 10.40	2.6432	0.0031	22 0 38.2	12.196	0.311	81.4	256 258 270	22 2859
5361	8.9	15 30 20.80	+2.5757	+0.0026	+25 3 33.6	−12.184	+0.304	80.4	107 109	25 2936
5362	9.0	30 36.04	2.5851	0.0027	24 37 24.5	12.167	0.305	80.4	96 98	24 2892
5363	9.3	30 56.28	2.6829	0.0034	20 5 49.2	12.143	0.317	80.3	88 92	20 3126
5364	8.4	31 16.51	2.5921	0.0028	24 15 43.7	12.120	0.306	80.4	96 98	24 2894
5365	8.9	31 19.92	2.6143	0.0029	23 15 26.7	12.116	0.309	80.3	90 94	23 2832
5366	9.0	15 32 6.73	+2.6498	+0.0032	+21 34 43.7	−12.061	+0.314	80.3	88 92	21 2792
5367	8.9	32 13.20	2.5985	0.0028	23 54 34.5	12.054	0.308	80.3	90 94	23 2834
5368	9.1	32 16.17	2.5802	0.0027	24 43 21.8	12.050	0.306	80.4	107 109	24 2899
5369	7.9	32 17.16	2.5988	0.0028	23 53 36.5	12.049	0.308	80.3	90 94	23 2835
5370	8.3	32 21.53	2.6208	0.0030	22 53 40.9	12.044	0.311	80.4	96 98	22 2863
5371	7.8	15 32 23.12	+2.6435	+0.0031	+21 51 3.8	−12.042	+0.313	80.3	88 92	21 2794
5372	8.4	32 48.53	2.5738	0.0027	24 58 3.0	12.012	0.306	80.4	107 109	25 2944
5373	6.2	32 54.77	2.5744	0.0027	24 55 57.2	12.005	0.306	80.4	107 109	24 2901
5374	7.4	32 57.93	2.6157	0.0030	23 5 4.6	12.001	0.311	80.7	96 98 271	23 2838
5375	9.0	33 0.33	2.6006	0.0029	23 45 45.8	11.999	0.309	81.4	262 269	23 2839
5376	8.5	15 33 4.30	+2.5980	+0.0029	+23 52 19.4	−11.994	+0.309	80.3	90 94	23 2840
5377	9.0	33 9.62	2.6446	0.0032	21 45 10.1	11.988	0.314	80.3	88 92	21 2795
5378	8.6	33 24.09	2.6157	0.0030	23 3 24.3	11.971	0.311	80.7	96 98 271	23 2842
5379	8.5	33 26.26	2.6094	0.0030	23 20 19.3	11.968	0.311	80.3	90 94	23 2843
5380	9.0	33 39.58	2.6372	0.0031	22 3 41.4	11.953	0.314	81.4	256 258 270	22 2867
5381	8.9	15 33 52.43	+2.6429	+0.0032	+21 47 8.8	−11.938	+0.315	80.3	88 92	21 2797
5382	9.1	34 14.94	2.6083	0.0030	23 19 48.4	11.911	0.311	80.3	90 94	23 2844
5383	9.4[1]	34 16.78	2.6445	0.0032	21 41 5.1	11.909	0.315	81.4	256 258 270	21 2798
5384	8.6	34 26.84	2.6467	0.0032	21 34 29.7	11.897	0.316	81.4	256 258 270	21 2800
5385	8.3	34 53.48	2.6415	0.0032	21 46 59.6	11.866	0.316	81.4	256 258 270	21 2802
5386	9.0	15 35 28.88	+2.6634	+0.0034	+20 44 14.7	−11.824	+0.319	80.3	88 92	20 3136
5387	4.5[2]	35 58.67	2.6770	0.0035	20 4 25.9	11.789	0.321	80.3	88 92	20 3138
5388	8.7	35 59.49	2.6675	0.0034	20 30 51.9	11.788	0.320	81.4	256 258 270	20 3137
5389	8.2	36 1.18	2.6192	0.0031	22 43 37.0	11.786	0.314	80.3	90 94	22 2873
5390	8.2	36 38.76	2.6650	0.0034	20 35 30.9	11.742	0.320	80.3	88 92	20 3140
5391	8.3	15 36 58.93	+2.6558	+0.0034	+20 59 53.5	−11.718	+0.319	81.4	256 258 270	21 2805
5392	8.3	37 41.75	2.6307	0.0032	22 6 0.8	11.667	0.317	81.4	262 269	22 2877
5393	9.1	37 48.45	2.6756	0.0035	20 2 7.0	11.659	0.322	80.3	88 92	20 3141
5394	7.4	38 7.19	2.6028	0.0031	23 19 26.4	11.637	0.314	80.7	90 94 273	23 2852
5395	9.2	38 14.85	2.5632	0.0028	25 2 47.7	11.628	0.310	80.4	107 109	25 2956
5396	8.4	15 38 30.89	+2.6154	+0.0031	+22 44 11.4	−11.609	+0.316	80.3	90 94	22 2878
5397	7.6	38 45.25	2.5668	0.0029	24 51 21.1	11.592	0.310	80.4	96 98	24 2914
5398	8.7	38 53.33	2.5612	0.0029	25 5 24.2	11.582	0.310	81.4	262 269	25 2958
5399	9.0	39 11.14	2.6391	0.0033	21 37 42.3	11.561	0.320	81.4	256 258 270	21 2811
5400	9.0	39 11.27	2.5621	0.0029	25 1 50.4	11.561	0.310	80.4	107 109	25 2959

[1] Z. 256 258 dupl.? Z. 270 dupl.? maj. [2] Gr. nach BD



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5401	8.0	15h 39m 24s.47	+2s.6466	+0s.0034	+21° 16′ 32″.3	−11″.545	+0″.321	81.4	262 273	21° 2812
5402	7.7	39 25.92	2.6342	0.0033	21 50 1.9	11.543	0.319	81.4	271 273	21 2813
5403	7.5	39 37.30	2.5598	0.0029	25 6 9.3	11.530	0.310	81.4	269 271	25 2963
5404	8.7	39 43.33	2.5677	0.0029	24 45 8.8	11.523	0.312	80.7	96 98 274	24 2917
5405	8.9	39 51.46	2.6614	0.0035	20 34 20.9	11.513	0.323	80.3	88 92	20 3143
5406	8.8	15 39 54.31	+2.6303	+0.0033	+21 58 48.3	−11.509	+0.319	81.4	262 274	22 2880
5407	8.8	40 2.05	2.6393	0.0033	21 34 11.4	11.500	0.320	81.4	262 273	21 2816
5408	8.8	40 10.76	2.5830	0.0030	24 3 35.3	11.490	0.314	81.4	271 274	24 2918
5409	8.9	40 15.68	2.5731	0.0030	24 29 11.2	11.484	0.313	80.4	96 98	24 2919
5410	8.7	40 20.51	2.6736	0.0036	19 58 55.0	11.478	0.325	80.3	88 92	20 3144
5411	7.3	15 40 50.27	+2.6662	+0.0035	+20 17 47.4	−11.443	+0.324	80.3	88 92	20 3145
5412	9.2	40 52.17	2.5629	0.0029	24 53 5.1	11.440	0.312	80.4	107 109	24 2921
5413	8.9	40 55.18	2.6338	0.0033	21 45 50.2	11.437	0.320	81.4	262 273	21 2818
5414	9.2	41 17.37	2.5843	0.0030	23 55 53.4	11.410	0.315	80.4	107 109	23 2856
5415	9.1	41 27.57	2.5926	0.0031	23 33 31.5	11.398	0.316	80.7	90 94 274	23 2857
5416	9.0	15 42 3.86	+2.6345	+0.0034	+21 39 41.2	−11.354	+0.322	81.4	258 270	21 2819
5417	9.0	42 44.63	2.6244	0.0033	22 4 22.5	11.305	0.321	81.4	258 270	22 2882
5418	8.9	42 54.60	2.6496	0.0035	20 56 9.2	11.293	0.324	80.3	88 92	21 2821
5419	8.8	43 1.16	2.5954	0.0032	23 20 16.3	11.285	0.318	80.9	90 273	23 2860
5420	7.0	43 2.91	2.6076	0.0032	22 48 5.1	11.283	0.319	81.4	262 273	22 2883
5421	9.0	15 43 6.32	+2.6017	+0.0032	+23 3 25.3	−11.279	+0.319	81.4	262 274	23 2861
5422	7.9	43 29.74	2.5881	0.0031	23 37 35.3	11.251	0.317	80.7	90 94 273	23 2862
5423	9.2	44 15.28	2.6439	0.0035	21 6 58.9	11.196	0.325	81.4	258 270	21 2825
5424	7.7	44 16.47	2.5771	0.0031	24 3 12.7	11.194	0.317	80.7	96 98 262	24 2926
5425	7.8	44 27.16	2.6667	0.0036	20 4 27.0	11.181	0.328	80.3	88 92	20 3154
5426	8.5	15 44 45.18	+2.5879	+0.0032	+23 33 28.4	−11.159	+0.318	80.3	90 94	23 2867
5427	8.6	44 58.52	2.6315	0.0034	21 37 38.6	11.143	0.324	80.4	104 113	21 2827
5428	7.2	44 59.21	2.6517	0.0035	20 43 15.2	11.142	0.326	80.3	88 92	20 3155
5429	8.7	45 7.36	2.5550	0.0030	24 56 39.2	11.133	0.315	80.4	107 109	25 2976
5430	9.2	45 12.89	2.6034	0.0032	22 51 14.8	11.126	0.321	80.9	96 98 271 273	{ 22 2888
5431	9.0	15 45 13.54	+2.6034	+0.0032	+22 51 18.8	−11.125	+0.321	81.1	90 271 273	
5432	9.1	45 37.91	2.6261	0.0034	21 49 50.3	11.096	0.324	80.4	104 113	21 2828
5433	8.4	45 38.72	2.6064	0.0033	22 41 49.4	11.095	0.321	81.3	253 264	22 2889
5434	4.8	45 46.50	2.6366	0.0035	21 21 18.0	11.085	0.325	81.4	258 270	21 2829
5435	8.8	46 12.60	2.5799	0.0032	23 48 44.6	11.053	0.319	80.3	90 94	23 2869
5436	8.7	15 46 31.35	+2.6520	+0.0036	+20 37 32.2	−11.031	+0.328	80.3	88 92	20 3159
5437	8.2	46 51.51	2.6188	0.0034	22 5 5.9	11.006	0.324	81.4	258 270	22 2891
5438	8.8	46 52.23	2.6223	0.0034	21 55 37.2	11.005	0.324	81.1	113 258 270	21 2834
5439	8.5	47 19.99	2.6481	0.0036	20 45 18.8	10.971	0.328	80.3	88 92	20 3163
5440	8.8	47 44.18	2.6368	0.0035	21 14 23.7	10.942	0.327	80.4	104 113	21 2838
5441	9.1	15 47 55.59	+2.5810	+0.0032	+23 39 53.1	−10.928	+0.321	80.3	90 94	23 2870
5442	9.3	48 29.03	2.5648	0.0031	24 19 19.0	10.887	0.319	80.4	96 98 107 109	24 2933
5443	9.1	48 36.61	2.5879	0.0032	23 19 38.0	10.878	0.322	80.7	90 94 273	23 2871
5444	9.0	49 3.38	2.6268	0.0035	21 36 24.4	10.845	0.327	80.4	104 113	21 2843
5445	4.5	49 4.06	2.6478	0.0036	20 40 42.6	10.844	0.330	80.3	88 92	20 3166
5446	8.2	15 49 28.60	+2.6056	+0.0034	+22 30 40.1	−10.814	+0.325	80.9	96 98 253 264	22 2898
5447	8.2	49 36.13	2.6187	0.0034	21 56 3.7	10.804	0.326	80.4	104 113	21 2846
5448	8.8	49 38.79	2.5477	0.0031	24 58 12.6	10.801	0.318	80.9	107 109 253 264	25 2991
5449	9.2	49 46.34	2.5970	0.0033	22 52 7.1	10.792	0.324	80.9	90 94 258 270	22 2899
5450	9.1	50 21.49	2.5572	0.0031	24 31 44.4	10.749	0.319	81.1	107 253 264	24 2938

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5451	9.1	15h 50m 22s.67	+2s.6136	+0s.0034	+22° 6' 51".3	−10".747	+0".326	81.4	258 270 273	22° 2900
5452	8.4	50 28.79	2.6484	0.0036	20 34 28.6	10.740	0.331	81.4	271 273	20 3167
5453	9.0	50 31.57	2.5732	0.0032	23 50 32.9	10.736	0.322	80.3	90 94	23 2872
5454	8.4	50 52.54	2.6433	0.0036	20 46 58.6	10.710	0.331	81.4	258 270	20 3168
5455	7.6	50 58.12	2.6244	0.0035	21 36 39.7	10.704	0.328	80.4	104 113	21 2851
5456	9.0	15 50 58.26	+2.6401	+0.0036	+20 55 0.2	−10.703	+0.330	81.4	271 273	20 3169
5457	8.7	51 5.06	2.5518	0.0031	24 42 44.2	10.695	0.319	80.4	107 109	24 2941
5458	8.3	51 26.25	2.6512	0.0037	20 24 7.1	10.669	0.332	81.4	258 270	20 3172
5459	9.0	51 29.48	2.6384	0.0036	20 57 54.2	10.665	0.331	80.4	104 113	21 2852
5460	9.1	51 47.30	2.6439	0.0036	20 42 29.3	10.643	0.331	81.4	271 273	20 3173
5461	8.6	15 51 47.52	+2.5648	+0.0032	+24 7 16.9	−10.643	+0.322	81.4	272 274	24 2945
5462	8.6	52 1.34	2.5441	0.0031	24 58 28.7	10.625	0.319	81.4	272 274	25 2997
5463	9.1	52 15.34	2.5957	0.0034	22 46 56.7	10.608	0.326	81.5	275 277	22 2903
5464	8.6	52 16.15	2.6105	0.0034	22 8 44.0	10.607	0.328	81.4	271 273	22 2904
5465	9.3	52 18.07	2.6308	0.0035	21 15 34.2	10.605	0.330	80.7	104 113 277	21 2855
5466	9.0	15 52 29.18	+2.6499	+0.0037	+20 24 16.8	−10.591	+0.333	81.4	258 270	20 3174
5467	8.0	52 32.36	2.5489	0.0032	24 44 44.8	10.587	0.320	81.4	272 274	24 2947
5468	9.2	52 37.26	2.6191	0.0035	21 45 1.7	10.581	0.329	81.0	113 275	— —
5469	9.2	52 40.99	2.6188	0.0035	21 45 32.4	10.576	0.329	80.9	104 277	21 2856
5470	8.8	53 18.68	2.6377	0.0036	20 54 14.3	10.530	0.332	81.4	258 270	20 3177
5471	8.4	15 53 27.09	+2.6089	+0.0035	+22 8 54.1	−10.519	+0.328	81.4	271 273	22 2905
5472	8.7	53 30.55	2.6087	0.0035	22 9 22.0	10.515	0.328	81.4	271 272 274	} 22 2906
5473	8.9	53 30.75	2.6086	0.0035	22 9 25.8	10.515	0.328	81.5	274 277	
5474	8.6	53 40.24	2.5417	0.0032	24 58 43.7	10.503	0.320	80.4	106 116 117	25 3005
5475	8.6	53 54.63	2.5930	0.0034	22 48 24.0	10.485	0.327	81.3	253 264	22 2907
5476	9.0	15 54 4.04	+2.6215	+0.0035	+21 34 15.2	−10.473	+0.331	80.9	102 271	21 2859
5477	8.8	54 23.93	2.5654	0.0033	23 56 50.7	10.449	0.324	80.9	116 117 273	24 2952
5478	8.7	54 28.25	2.6451	0.0037	20 31 8.6	10.443	0.334	80.7	88 92 274	20 3180
5479	7.7	54 31.23	2.6116	0.0035	21 58 39.9	10.439	0.330	80.9	88 92 258 270	22 2908
5480	7.7	54 38.26	2.5793	0.0033	23 21 2.9	10.431	0.326	80.3	90 94	23 2876
5481	9.0	15 54 40.86	+2.5855	+0.0034	+23 4 59.2	−10.427	+0.327	81.4	253 264 271	23 2877
5482	8.6	54 40.92	2.5483	0.0032	24 38 38.5	10.427	0.322	81.3	253 264	24 2954
5483	9.1	55 4.11	2.6052	0.0035	22 13 26.1	10.398	0.329	80.4	104 113	22 2909
5484	8.6	55 33.41	2.5816	0.0034	23 12 13.1	10.362	0.327	80.3	90 94	23 2879
5485	8.9	55 40.43	2.5824	0.0034	23 9 34.7	10.353	0.327	80.3	90 94	23 2880
5486	8.6	15 55 43.94	+2.5429	+0.0032	+24 48 26.1	−10.349	+0.322	80.4	106 116 117	24 2957
5487	8.4	56 37.83	2.6262	0.0036	21 14 10.8	10.281	0.333	80.4	102 111	21 2867
5488	8.9	56 44.93	2.6440	0.0037	20 27 10.3	10.272	0.336	80.7	88 92 271	20 3189
5489	9.4	56 53.09	2.6338	0.0036	20 53 32.4	10.262	0.334	80.8	102 111 271 272	20 3190
5490	5.0	56 54.77	2.5810	0.0034	23 9 9.5	10.260	0.328	80.7	90 94 275	23 2886
5491	8.0	15 56 55.04	+2.6546	+0.0037	+19 58 39.3	−10.260	+0.337	80.7	88 92 273	20 3191
5492	9.0	57 5.78	2.6495	0.0037	20 11 35.2	10.246	0.337	80.9 81.1	88 92a 272 274	20 3192
5493	7.8	57 21.75	2.5804	0.0034	23 9 10.5	10.226	0.328	81.0	5 Beob.[1]	23 2887
5494	7.0	57 21.90	2.5938	0.0035	22 35 12.8	10.226	0.330	80.4	104 113	22 2914
5495	8.4	57 23.23	2.6505	0.0037	20 8 16.8	10.224	0.337	80.4	102 111	20 3194
5496	8.4	15 57 39.01	+2.6019	+0.0035	+22 13 36.8	−10.205	+0.331	80.4	104 113	22 2915
5497	8.5	57 51.05	2.6401	0.0037	20 34 11.6	10.190	0.336	80.9	88 273	20 3195
5498	8.9	57 57.53	2.5999	0.0035	22 17 55.3	10.181	0.331	80.4	104 113	22 2916
5499	9.1	58 7.39	2.5803	0.0034	23 7 1.2	10.169	0.329	80.7	90 94 273	— —
5500	9.2	58 11.22	2.5805	0.0034	23 6 27.1	10.164	0.329	81.4	271 273	23 2890

[1] Z. 90 94 272 274 275



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5501	8.3	15h 58m 12s.29	+2s.5846	+0s.0034	+22° 55′ 57″.5	−10″.163	+0″.329	81.4	258 270	22° 2917
5502	9.0	58 21.27	2.5455	0.0032	24 33 4.2	10.152	0.325	80.4	106 116 117	24 2964
5503	9.1	58 22.57	2.5662	0.0033	23 41 42.1	10.150	0.327	81.3	253 264	23 2891
5504	8.8	58 32.73	2.5438	0.0032	24 36 40.4	10.137	0.324	80.4	106 116 117	24 2965
5505	9.1	58 37.73	2.5414	0.0032	24 42 22.6	10.131	0.324	80.4	106 116 117	24 2966
5506	8.4	15 58 56.52	+2.6476	+0.0037	+20 11 30.9	−10.107	+0.338	80.6	5 Beob. [1]	20 3197
5507	8.8	59 12.73	2.6475	0.0037	20 10 49.2	10.087	0.338	81.4	258 270	20 3199
5508	8.9	59 15.37	2.6011	0.0035	22 10 52.3	10.083	0.332	80.4	104 113	22 2919
5509	8.8	59 16.58	2.5818	0.0034	22 59 34.5	10.082	0.330	80.3	90 94	23 2892
5510	8.5	59 50.74	2.5923	0.0035	22 31 26.5	10.039	0.332	81.4	258 270 272 274	22 2920
5511	9.1	16 0 6.08	+2.5684	+0.0034	+23 30 44.1	−10.019	+0.329	80.7	106 116 117 273	23 2895
5512	7.0	0 13.31	2.5986	0.0035	22 14 10.4	10.010	0.333	81.4	258 270	22 2921
5513	9.0	0 18.95	2.6478	0.0038	20 7 3.3	10.003	0.339	80.9	88 92 271 273	20 3203
5514	8.7	0 24.77	2.6360	0.0037	20 37 35.1	9.996	0.338	80.4	102 111	20 3204
5515	8.5	0 29.81	2.6143	0.0036	21 33 10.9	9.989	0.335	80.7	104 113 277	21 2871
5516	8.4	16 0 31.13	+2.6344	+0.0037	+20 41 21.8	−9.988	+0.338	80.4	102 111	20 3205
5517	8.7	0 38.38	2.6488	0.0038	20 3 25.1	9.979	0.339	81.4	258 270	20 3207
5518	9.0	0 38.90	2.6465	0.0038	20 9 34.5	9.978	0.339	81.4	271 272 274	20 3206
5519	8.5	1 10.04	2.5741	0.0034	23 13 6.3	9.939	0.330	80.3	90 94	23 2899
5520	8.6	1 14.87	2.6090	0.0036	21 44 35.1	9.932	0.335	80.7	104 113 272	21 2873
5521	8.8	16 1 26.90	+2.6019	+0.0035	+22 2 12.8	−9.917	+0.334	81.3	253 264	22 2924
5522	8.3	1 43.96	2.6035	0.0036	21 57 15.9	9.896	0.335	80.4	104 113	22 2925
5523	8.5	1 44.18	2.5359	0.0033	24 45 42.6	9.895	0.326	80.4	106 116 117	24 2972
5524	8.6	1 56.67	2.6269	0.0037	20 56 38.5	9.879	0.338	80.7	88 92 273	20 3211
5525	6.0	1 57.21	2.5984	0.0035	22 9 34.1	9.879	0.334	81.4	258 270	22 2926
5526	9.3	16 2 14.39	+2.6321	+0.0037	+20 42 21.5	−9.857	+0.339	80.4	102 111	} 20 3212
5527	8.1	2 14.98	2.6321	0.0037	20 42 29.9	9.856	0.339	80.4	102 111	
5528	9.2 [2]	3 14.12	2.6303	0.0037	20 44 14.1	9.781	0.339	81.1	88 258 270	20 3216
5529	8.2	3 15.52	2.6150	0.0036	21 23 31.0	9.779	0.337	80.7	102 111 271	21 2875
5530	8.8	3 15.71	2.5879	0.0035	22 32 10.4	9.779	0.334	80.3	90 94	22 2928
5531	9.2	16 3 17.09	+2.5772	+0.0035	+22 58 59.7	−9.777	+0.332	80.9	90 94 272 274	23 2903
5532	9.0	3 45.42	2.6402	0.0038	20 17 22.8	9.741	0.341	80.7	88 92 271	20 3217
5533	8.3	3 57.44	2.5960	0.0035	22 9 40.5	9.726	0.335	80.8	90 94 253 264	22 2932
5534	8.9	4 48.51	2.6053	0.0036	21 43 43.0	9.661	0.337	80.7	102 111 271	21 2878
5535	8.6	4 53.51	2.6115	0.0036	21 27 45.9	9.654	0.338	80.3	88 92	21 2879
5536	9.0	16 5 18.30	+2.6205	+0.0037	+21 3 37.9	−9.622	+0.339	80.3	88 92	21 2880
5537	7.9	5 58.11	2.6150	0.0037	21 15 59.4	9.571	0.339	80.4	102 111	21 2882
5538	8.8	6 8.94	2.5454	0.0034	24 8 39.0	9.558	0.331	80.4	106 116 117	24 2977
5539	8.9	6 15.23	2.6214	0.0037	20 58 51.3	9.550	0.340	80.4	88 92 104 113	21 2883
5540	6.2	6 18.81	2.5532	0.0034	23 49 9.2	9.545	0.332	80.8	90 94 253 264	23 2909
5541	8.4	16 7 24.57	+2.5818	+0.0035	+22 35 15.1	−9.460	+0.336	80.8	90 94 253 264	22 2938
5542	7.8	7 26.25	2.5993	0.0036	21 51 32.0	9.458	0.338	80.4	102 111	21 2885
5543	9.0	7 36.35	2.6352	0.0038	20 20 6.3	9.445	0.343	81.1	88 258 270	20 3227
5544	6.5	7 43.25	2.5983	0.0036	21 53 9.3	9.436	0.339	80.4	102 111	21 2886
5545	9.1	8 4.63	2.6070	0.0036	21 30 17.3	9.409	0.340	80.4	88 92 104 113	21 2888
5546	9.0	16 8 27.54	+2.5818	+0.0035	+22 32 15.8	−9.379	+0.337	80.9	90 94 258 270	22 2942
5547	8.5	9 30.39	2.5772	0.0035	22 40 52.4	9.298	0.337	80.8	90 94 253 264	22 2946
5548	8.4	9 42.16	2.6088	0.0037	21 21 26.6	9.283	0.341	80.3	88 92	21 2892
5549	8.6	9 51.59	2.5234	0.0034	24 50 30.9	9.271	0.330	80.4	106 116 117	24 2984
5550	9.2	10 3.47	2.6394	0.0038	20 2 58.5	9.256	0.346	80.9	88 92 272 274	20 3233

[1] Z. 88 92 102 111 258 [2] Z. 270 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5551	8.5	16^h 10^m 9^s.95	+2^s.5987	+0^s.0036	+21° 45′ 30″.4	−9″.247	+0″.340	80.4	102 111	21° 2893
5552	9.0	10 26.86	2.5855	0.0036	22 17 39.6	9.225	0.339	80.4	90 94 104 113	22 2948
5553	8.8	10 32.23	2.5347	0.0034	24 21 22.6	9.218	0.332	80.4	106 116 117	24 2985
5554	8.4	10 35.82	2.6210	0.0037	20 48 18.0	9.214	0.344	81.1	88 258 270	20 3234
5555	8.9	10 42.96	2.5287	0.0034	24 35 18.8	9.204	0.332	80.4	106 116 117	24 2987
5556	6.5	16 10 56.95	+2.5571	+0.0035	+23 26 4.4	−9.186	+0.335	80.3	90 94	23 2916
5557	8.3	11 21.55	2.6366	0.0038	20 6 44.4	9.154	0.346	80.3	88 92	20 3236
5558	9.1	11 44.19	2.6022	0.0037	21 32 45.4	9.125	0.342	80.4	102 111	21 2895
5559	9.0	11 54.72	2.5789	0.0036	22 30 7.3	9.111	0.339	80.3	90 94	22 2951
5560	8.7	12 3.24	2.6090	0.0037	21 14 47.4	9.100	0.343	80.4	102 104 111 113	21 2896
5561	7.3	16 12 33.20	+2.5434	+0.0034	+23 54 47.9	−9.061	+0.335	80.3	90 94	23 2918
5562	8.2	12 47.52	2.6239	0.0037	20 35 25.3	9.043	0.345	80.3	88 92	20 3240
5563	8.0	12 56.16	2.6055	0.0037	21 21 12.9	9.031	0.343	80.4	102 111	21 2897
5564	9.0	13 5.61	2.5662	0.0035	22 57 57.4	9.019	0.338	80.8	90 94 253 264	23 2919
5565	8.4	13 25.25	2.5375	0.0034	24 6 26.7	8.993	0.335	80.4	106 116 117	24 2990
5566	8.7	16 13 48.80	+2.5868	+0.0036	+22 5 34.5	−8.963	+0.341	80.3	90 94	22 2955
5567	7.4	14 15.81	2.6333	0.0038	20 8 7.6	8.928	0.348	80.3	88 92	20 3244
5568	9.1	14 32.74	2.5303	0.0034	24 20 29.1	8.905	0.334	80.4	106 116 117	24 2992
5569	9.1	14 34.93	2.5393	0.0035	23 59 3.9	8.903	0.336	80.4	106 116 117	24 2993
5570	6.0	14 38.97	2.6018	0.0037	21 26 8.2	8.897	0.344	80.7	102 111 272	21 2902
5571	9.1	16 14 39.98	+2.6078	+0.0037	+21 11 20.1	−8.896	+0.345	80.4	102 111	21 2901
5572	8.8	15 48.49	2.5391	0.0035	23 56 2.0	8.806	0.337	81.4	271 273	23 2923
5573	7.3	15 48.81	2.5738	0.0036	22 32 18.2	8.806	0.341	81.3	253 264	22 2958
5574	8.6	15 50.43	2.6261	0.0038	20 22 29.4	8.804	0.348	81.4	258 270	20 3250
5575	8.1	15 55.15	2.5551	0.0035	23 17 16.3	8.798	0.339	81.4	271 273	23 2924
5576	8.2	16 15 57.00	+2.5949	+0.0036	+21 39 58.3	−8.795	+0.344	80.7	104 113 274	21 2904
5577	8.2	16 18.05	2.5876	0.0036	21 57 5.6	8.768	0.343	80.7	104 113 275	21 2907
5578	7.0	16 28.86	2.5836	0.0036	22 6 29.5	8.753	0.343	81.4	258 270	22 2959
5579	8.5	16 37.77	2.5655	0.0035	22 50 10.7	8.742	0.341	81.4	271 273	22 2961
5580	9.0	16 42.65	2.5715	0.0036	22 35 35.7	8.735	0.341	81.3	253 264	22 2962
5581	8.2	16 16 57.01	+2.5924	+0.0036	+21 43 40.6	−8.716	+0.344	80.4	104 113	21 2909
5582	9.0	16 59.86	2.6037	0.0037	21 15 37.1	8.713	0.346	81.4	258 270	21 2910
5583	8.5	17 2.97	2.5097	0.0034	25 2 14.6	8.709	0.334	81.4	271 274	25 3071
5584	7.9	17 15.07	2.5842	0.0036	22 3 4.3	8.693	0.343	81.4	254 273	22 2963
5585	9.1	17 23.39	2.5695	0.0036	22 38 35.6	8.682	0.342	81.3	253 264	22 2964
5586	8.8	16 17 29.76	+2.5514	+0.0035	+23 22 3.0	−8.673	+0.339	81.4	271 275	23 2926
5587	9.3	17 47.00	2.6011	0.0037	21 20 15.3	8.651	0.346	81.3	258	[21 2911]
5588	9.0	18 0.53	2.6080	0.0037	21 2 33.6	8.633	0.347	80.4	104 113	21 2912
5589	9.1	18 7.84	2.5286	0.0035	24 14 51.6	8.623	0.337	80.4	106 116a 117	24 2998
5590	9.1	18 9.22	2.5109	0.0034	24 56 23.9	8.621	0.334	81.8	273 277 380	24 2999
5591	8.3	16 18 10.31	+2.6004	+0.0037	+21 20 57.4	−8.620	+0.346	81.4	270 277	21 2913
5592	8.9	18 17.42	2.5761	0.0036	22 20 19.1	8.611	0.343	81.3	253 264	22 2966
5593	9.1	18 28.91	2.6121	0.0037	20 51 8.4	8.595	0.348	81.4	272 274	20 3257
5594	8.0	18 32.76	2.6161	0.0037	20 41 10.5	8.590	0.348	81.4	272 274	20 3259
5595	8.6	18 32.78	2.6184	0.0037	20 35 27.4	8.590	0.349	81.4	272 274	20 3258
5596	8.6	16 18 34.15	+2.5568	+0.0035	+23 6 19.4	−8.589	+0.341	81.4	261 265	23 2929
5597	9.1	18 49.00	2.5675	0.0036	22 39 54.2	8.569	0.342	81.4	253 264 275	22 2968
5598	9.1	19 3.23	2.5237	0.0034	24 23 57.9	8.550	0.337	80.4	106 117	24 3002
5599	8.9	19 15.77	2.6051	0.0037	21 6 36.2	8.534	0.348	80.4	104 113	21 2915
5600	7.9	19 24.35	2.5667	0.0036	22 40 17.0	8.522	0.343	81.4	253 261 264 265	22 2969

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5601	8.5	16h 19m 39s.30	+2s.5560	+0s.0035	+23° 5' 28".9	−8".503	+0".341	81.4	261 265	23° 2931
5602	7.5	19 50.92	2.5242	0.0034	24 20 37.6	8.487	0.337	80.4	107 117	24 3003
5603	9.0	19 54.02	2.5253	0.0034	24 17 47.1	8.483	0.337	81.4	261 265	24 3004
5604	8.4	20 24.13	2.5108	0.0034	24 50 36.0	8.443	0.336	80.7	106 117 272	24 3006
5605	8.2	20 59.10	2.5481	0.0035	23 20 55.9	8.397	0.341	81.3	253 264	23 2934
5606	8.7	16 21 0.06	+2.5523	+0.0035	+23 10 59.6	−8.396	+0.342	81.3	253 264	23 2933
5607	8.5	21 41.41	2.5177	0.0034	24 31 1.6	8.341	0.338	80.4	106 117	24 3008
5608	8.6	21 48.76	2.6179	0.0037	20 29 7.9	8.331	0.351	80.5	123 126	20 3267
5609	8.0	22 1.74	2.5929	0.0037	21 30 14.0	8.314	0.348	80.4	102 111	21 2924
5610	9.3	22 1.95	2.6136	0.0037	20 39 19.8	8.314	0.350	81.3	258	[20 3268]
5611	9.2	16 22 13.52	+2.5506	+0.0035	+23 12 0.6	−8.298	+0.342	81.3	253 264	23 2937
5612	9.0	22 17.33	2.6135	0.0037	20 38 34.3	8.293	0.351	81.4	270	20 3269
5613	8.2	22 18.27	2.6020	0.0037	21 7 22.9	8.292	0.349	80.4	102 111	21 2925
5614	7.7	22 20.96	2.6005	0.0037	21 10 45.3	8.289	0.349	80.4	104 113	21 2926
5615	7.4	22 31.38	2.5819	0.0036	21 55 59.2	8.275	0.347	80.4	104 113	21 2928
5616	8.5	16 22 43.76	+2.5269	+0.0035	+24 6 55.3	−8.258	+0.339	80.4	106 117	24 3010
5617	8.9	22 56.19	2.6191	0.0038	20 23 40.4	8.242	0.352	80.5	123 126	20 3272
5618	9.2	22 59.99	2.6102	0.0037	20 45 25.7	8.237	0.351	81.4	258 270	20 3273
5619	8.1	23 39.46	2.5498	0.0035	23 10 18.7	8.184	0.343	81.4	254 273	23 2938
5620	8.7	23 44.37	2.5237	0.0035	24 11 53.5	8.178	0.340	81.4	261 265	24 3013
5621	8.5	16 24 8.56	+2.5307	+0.0035	+23 54 24.6	−8.145	+0.341	81.4	254 273	23 2939
5622	**2.3**	**24 50.81**	**2.5837**	**0.0036**	**21 45 47.8**	**8.089**	**0.348**		**Fund. Cat.**	**21 2934**
5623	8.6	24 56.35	2.5240	0.0035	24 8 1.2	8.082	0.340	81.4	272 274	24 3016
5624	9.1	24 56.82	2.5388	0.0035	23 33 15.8	8.081	0.342	81.4	254 273	23 2940
5625	9.1	25 2.78	2.5589	0.0036	22 45 21.1	8.073	0.345	81.4	258 270	22 2981
5626	6.1	16 25 7.94	+2.6084	+0.0037	+20 45 12.8	−8.066	+0.352	80.5	123 126	20 3283
5627	8.6	25 13.22	2.6218	0.0038	20 12 2.3	8.059	0.354	80.8	123 126 273	20 3284
5628	8.6	25 43.98	2.5201	0.0035	24 15 20.6	8.018	0.340	81.4	254 273	24 3019
5629	6.0	25 52.58	2.5654	0.0036	22 27 56.3	8.007	0.347	81.4	258 270	22 2983
5630	9.2	26 2.67	2.5376	0.0035	23 33 35.2	7.993	0.343	80.5	123 126	23 2943
5631	9.0	16 26 36.43	+2.5389	+0.0035	+23 29 3.3	−7.948	+0.343	80.5	123 126	23 2944
5632	8.7	26 42.79	2.5548	0.0035	22 51 6.5	7.939	0.346	81.4	258 270	22 2985
5633	9.2	26 43.51	2.5510	0.0035	23 0 6.3	7.938	0.345	81.4	253 264 272 274	23 2945
5634	9.0	26 46.88	2.5017	0.0034	24 55 25.8	7.934	0.339	80.4	106 117	24 3020
5635	8.5	26 58.58	2.5920	0.0037	21 21 8.0	7.918	0.351	80.4	102 111	21 2936
5636	8.0	16 27 7.78	+2.4963	+0.0034	+25 6 59.9	−7.906	+0.338	81.4	254 274 276	25 3094
5637	9.0	27 12.69	2.5013	0.0034	24 55 11.9	7.899	0.339	80.9	106 117 261 265	24 3022
5638	8.5	27 13.62	2.5208	0.0035	24 10 5.4	7.898	0.341	81.4	254 273 276	24 3021
5639	8.7	27 15.18	2.5825	0.0036	21 43 31.9	7.896	0.350	80.4	104 113	21 2939
5640	8.4[1]	27 16.17	2.5379	0.0035	23 29 51.6	7.895	0.344	80.5	123 126	23 2946
5641	8.0	16 27 17.12	+2.5876	+0.0036	+21 31 14.6	−7.893	+0.350	80.4	102 111	21 2940
5642	8.2	27 28.86	2.5395	0.0035	23 25 35.0	7.878	0.344	81.3	253 264	23 2949
5643	8.1	27 52.21	2.5403	0.0035	23 22 54.4	7.846	0.344	81.3	253 264	23 2951
5644	9.1	27 53.29	2.6061	0.0037	20 44 52.5	7.845	0.353	81.4	258 270	20 3288
5645	8.7	27 56.82	2.5299	0.0035	23 47 0.3	7.840	0.343	81.4	254 273 276	23 2952
5646	8.6	16 28 22.68	+2.4941	+0.0034	+25 8 45.9	−7.805	+0.338	80.7	106 117 261 265	25 3098
5647	9.0	28 38.34	2.4970	0.0034	25 1 33.4	7.784	0.339	80.4	106 117	25 3100
5648	8.6	28 57.90	2.5859	0.0036	21 31 35.0	7.758	0.351	80.4	102 111	21 2943
5649	8.9	28 59.47	2.6101	0.0037	20 32 51.0	7.756	0.354	81.4	258 270	20 3293
5650	8.6	29 19.83	2.4996	0.0034	24 54 2.2	7.729	0.340	81.4	254 273 276	24 3027

[1] Dupl 1" med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5651	8.0	16h 29m 29s.41	+2s.5737	+0s.0036	+22° 0' 3".2	−7".716	+0".350	80.4	104 113	22° 2990
5652	9.2	29 37.55	2.4998	0.0034	24 52 41.8	7.705	0.340	80.9	106 117 261 265	24 3028
5653	9.0	29 46.83	2.5459	0.0035	23 5 12.0	7.692	0.346	81.3	253 264	23 2955
5654	9.0	29 51.16	2.5354	0.0035	23 29 44.6	7.686	0.345	80.5	123 126	23 2956
5655	8.5	30 4.18	2.5345	0.0035	23 31 23.5	7.669	0.345	80.5	123 126	23 2958
5656	8.5	16 30 13.42	+2.5839	+0.0036	+21 33 49.7	−7.656	+0.352	80.4	102 111	21 2946
5657	7.9	30 25.76	2.5067	0.0034	24 35 2.7	7.640	0.341	80.4	106 117	24 3031
5658	8.4	30 26.46	2.5633	0.0036	22 22 43.2	7.639	0.349	80.4	104 113	22 2991
5659	7.8	30 54.21	2.5970	0.0037	21 0 44.2	7.601	0.354	80.4	102 111	21 2949
5660	9.0	30 55.76	2.6028	0.0037	20 46 44.4	7.599	0.355	81.4	258 270	20 3297
5661	8.5	16 31 2.34	+2.5956	+0.0037	+21 3 58.1	−7.590	+0.354	80.4	102 111	21 2950
5662	9.0	31 5.98	2.5710	0.0036	22 2 49.9	7.585	0.350	80.4	104 113	22 2994
5663	8.9	31 7.56	2.6049	0.0037	20 41 4.2	7.583	0.355	81.4	258 270	20 3298
5664	7.1	31 34.87	2.5432	0.0035	23 7 36.3	7.546	0.347	80.5	123 126	23 2965
5665	8.5	32 15.29	2.5502	0.0035	22 49 43.7	7.492	0.348	80.5	123 126	22 2997
5666	7.3	16 32 18.26	+2.5535	+0.0035	+22 41 50.4	−7.488	+0.349	81.0	123 126 272 276	22 2998
5667	9.0	33 5.98	2.5168	0.0035	24 5 37.0	7.423	0.344	80.9	106 117 261 265	24 3036
5668	8.2	33 10.82	2.5757	0.0036	21 47 22.6	7.417	0.352	80.4	102 104 111 113	21 2954
5669	8.3	33 25.99	2.6023	0.0037	20 42 56.7	7.396	0.356	81.4	258 270	20 3306
5670	8.9	33 26.73	2.5330	0.0035	23 27 21.6	7.395	0.347	80.5	123 126	23 2967
5671	8.9	16 33 32.09	+2.5445	+0.0035	+23 0 19.3	−7.388	+0.348	81.3	254 264	23 2968
5672	7.7	33 40.12	2.5715	0.0036	21 56 14.3	7.377	0.352	80.4	102 104 111 113	21 2955
5673	9.0	33 43.43	2.6032	0.0037	20 40 11.6	7.372	0.356	81.4	258 270	20 3308
5674	8.6	33 47.16	2.5022	0.0034	24 37 36.6	7.367	0.343	80.4	106 117	24 3037
5675	8.7	33 47.61	2.5984	0.0037	20 51 39.5	7.367	0.356	81.4	258 270 272 274	20 3309
5676	8.6	16 33 48.85	+2.5854	+0.0036	+21 22 52.7	−7.365	+0.354	80.4	102 104 111 113	21 2957
5677	7.5	33 54.28	2.4937	0.0034	24 56 50.4	7.358	0.341	80.4	106 117	24 3038
5678	7.7	33 57.51	2.5578	0.0036	22 28 6.0	7.353	0.350	81.3	253 264	22 2999
5679	9.0	34 0.53	2.5009	0.0034	24 40 8.7	7.349	0.343	81.4	254 273 276	24 3039
5680	6.7	34 1.67	2.5632	0.0036	22 15 23.4	7.348	0.351	81.4	261 265	22 3000
5681	9.1	16 34 11.10	+2.5446	+0.0035	+22 58 45.1	−7.335	+0.349	81.3	253 264	23 2969
5682	7.6	34 18.60	2.5375	0.0035	23 14 56.9	7.325	0.348	80.5	123 126	} 23 2970
5683	8.4	34 19.86	2.5375	0.0035	23 14 57.3	7.323	0.348	81.4	261 265	
5684	8.4	34 27.25	2.5321	0.0035	23 27 13.7	7.313	0.347	81.4	254 273 276	23 2971
5685	8.0	34 29.22	2.5822	0.0036	21 29 3.7	7.310	0.354	80.4	104 113	21 2959
5686	8.9	16 34 32.45	+2.5400	+0.0035	+23 8 50.3	−7.306	+0.348	81.4	253 273 276	23 2972
5687	7.7	35 5.24	2.5750	0.0036	21 45 3.4	7.261	0.353	80.4	102 111	21 2962
5688	9.1	35 7.72	2.5848	0.0036	21 21 41.3	7.258	0.355	81.4	258 270	21 2963
5689	7.7	35 36.52	2.5634	0.0036	22 11 27.0	7.219	0.352	81.4	254 273 276	22 3002
5690	8.4	35 38.89	2.5425	0.0035	23 0 39.9	7.216	0.349	80.5	123 126	23 2973
5691	6.0	16 35 49.65	+2.4877	+0.0034	+25 6 4.4	−7.201	+0.342	80.4	106 117	25 3115
5692	7.5	36 0.00	2.5506	0.0035	22 40 51.7	7.187	0.350	81.3	253 264	22 3004
5693	9.0	36 14.45	2.5899	0.0036	21 7 21.0	7.167	0.356	80.7	102 111 272	21 2965
5694	9.0	36 16.02	2.5086	0.0034	24 17 33.7	7.165	0.345	80.9	106 117 261 265	24 3044
5695	8.7	36 20.98	2.5863	0.0036	21 15 44.2	7.158	0.355	80.4	104 113	21 2966
5696	8.5	16 36 32.29	+2.6123	+0.0037	+20 12 38.7	−7.143	+0.359	81.4	258 270	20 3316
5697	9.2	36 37.32	2.5375	0.0035	23 10 16.4	7.136	0.349	80.5	123 126	23 2975
5698	8.9	36 45.09	2.5649	0.0036	22 5 49.4	7.125	0.353	81.3	253 264	22 3007
5699	9.0	37 4.16	2.5713	0.0036	21 49 57.2	7.099	0.354	81.4	272 274	} 21 2970
5700	7.1	37 4.47	2.5713	0.0036	21 49 53.0	7.099	0.354	80.7	102 111 273	

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5701	8.2	16h 37m 19s.67	+2s.5178	+0s.0034	+23° 54′ 19″.0	−7″.078	+0″.347	80.4	106 117	} 23° 2978
5702	8.3	37 20.10	2.5178	0.0034	23 54 16.8	7.078	0.347	80.4	106 117	}
5703	8.2	37 24.36	2.5695	0.0036	21 53 38.5	7.072	0.354	80.4	104 113	21 2973
5704	8.7	37 28.59	2.5975	0.0036	20 46 35.9	7.066	0.358	81.4	254 273 276	20 3319
5705	8.9	37 50.31	2.6085	0.0037	20 19 24.1	7.036	0.359	81.4	272 274	20 3320
5706	7.0	16 38 5.53	+2.5926	+0.0036	+20 57 10.4	−7.016	+0.357	81.4	254 273 276	20 3323
5707	8.5	38 10.55	2.5931	0.0036	20 55 59.7	7.009	0.357	81.4	254 273 276	20 3324
5708	8.6[1]	38 10.65	2.5294	0.0035	23 25 52.6	7.009	0.349	81.3	253 264	23 2981
5709	8.7	38 14.56	2.5709	0.0036	21 48 36.6	7.003	0.354	80.4	102 111	21 2975
5710	8.5	38 18.89	2.5705	0.0036	21 49 32.0	6.997	0.354	80.4	102 111	21 2976
5711	8.4	16 38 22.37	+2.6144	+0.0037	+20 4 12.2	−6.993	+0.360	81.4	254 274 276	20 3325
5712	8.0	38 42.15	2.5499	0.0035	22 37 7.6	6.966	0.352	80.4	104 113	22 3010
5713	7.5	38 55.32	2.5204	0.0034	23 45 1.9	6.948	0.348	81.4	272 274 277	} 23 2984
5714	8.0	38 55.46	2.5204	0.0034	23 45 2.0	6.947	0.348	81.4	272 274 277	}
5715	9.0[2]	39 15.26	2.5127	0.0034	24 1 59.2	6.920	0.347	80.9	106 275	24 3048
5716	8.7	16 39 38.54	+2.5870	+0.0036	+21 7 45.9	−6.888	+0.357	80.4	104 113	21 2980
5717	7.2	39 49.15	2.5144	0.0034	23 56 58.4	6.874	0.347	81.4	253 264 272	23 2990
5718	8.8	39 50.56	2.5987	0.0036	20 39 21.5	6.872	0.359	81.4	258 270	20 3328
5719	7.9	40 7.56	2.4913	0.0034	24 48 50.2	6.849	0.344	80.4	106 117	24 3050
5720	8.9	40 11.27	2.5747	0.0036	21 36 3.1	6.844	0.356	80.4	102 111	21 2981
5721	8.8	16 40 28.17	+2.5680	+0.0035	+21 51 16.9	−6.820	+0.355	80.4	102 111	21 2982
5722	9.2	40 29.26	2.4845	0.0034	25 3 22.0	6.819	0.344	80.4	106 117	25 3128
5723	9.3	40 57.71	2.6066	0.0036	20 18 24.8	6.780	0.361	81.7	254 268 380	— —
5724	8.1	40 59.30	2.6080	0.0036	20 15 2.6	6.778	0.361	81.4	254 268 277	20 3330
5725	9.1	41 2.30	2.5179	0.0034	23 46 32.2	6.774	0.349	80.5	123 126	23 2994
5726	9.3[3]	16 41 4.82	+2.4893	+0.0034	+24 51 19.8	−6.770	+0.345	81.5	275 276	}
	9.1[3]	41 4.94	2.4893	0.0034	24 51 18.2	6.770	0.345	80.9	106 117 272 277	} 24 3053
5727	9.1[3]	41 5.03	2.4893	0.0034	24 51 17.9	6.770	0.345	81.5	274 276	}
5728	9.0	41 13.55	2.6028	0.0036	20 27 6.4	6.758	0.360	81.4	258 270	20 3331
5729	8.8	41 25.11	2.5870	0.0036	21 4 40.0	6.742	0.358	80.7	104 113 254	21 2985
5730	8.9	41 29.57	2.5227	0.0034	23 34 37.5	6.736	0.349	80.5	123 126	23 2996
5731	8.8	16 41 50.57	+2.5691	+0.0035	+21 46 4.0	−6.707	+0.356	80.4	104 113	21 2986
5732	9.1	41 52.47	2.5657	0.0035	21 54 2.7	6.705	0.356	80.4	102 111	21 2987
5733	9.0	42 6.45	2.5313	0.0035	23 13 32.8	6.685	0.351	81.3	253 264	23 2997
5734	8.8	42 8.70	2.5257	0.0034	23 26 26.5	6.682	0.350	80.5	123 126	23 2998
5735	8.0	42 22.12	2.6026	0.0036	20 25 40.8	6.664	0.361	81.4	258 268 270	20 3332
5736	8.6	16 42 45.31	+2.6032	+0.0036	+20 23 33.0	−6.632	+0.361	81.4	258 268 270	20 3333
5737	8.4	42 48.98	2.5570	0.0035	22 12 44.7	6.627	0.355	80.4	104 113	22 3020
5738	8.9	43 0.01	2.6017	0.0036	20 26 41.9	6.612	0.361	80.5	123 126	20 3335
5739	8.2	43 11.73	2.5721	0.0035	21 36 41.1	6.596	0.357	80.4	102 104 111 113	21 2991
5740	8.8	43 21.51	2.5009	0.0034	24 20 39.0	6.582	0.347	80.4	106 117	24 3058
5741	8.7	16 43 42.16	+2.4969	+0.0034	+24 28 58.7	−6.554	+0.347	80.4	106 117	24 3060
5742	7.7	44 29.39	2.5638	0.0035	21 53 39.6	6.488	0.357	80.4	102 111	21 2993
5743	8.8	44 31.45	2.6048	0.0036	20 16 36.9	6.486	0.362	81.4	258 268 270	20 3340
5744	9.0	45 3.28	2.5400	0.0035	22 48 8.0	6.442	0.354	80.5	123 126	22 3025
5745	8.7	45 13.04	2.5158	0.0034	23 43 15.8	6.428	0.350	80.5	123 126	23 3003
5746	8.7	16 46 4.75	+2.4907	+0.0034	+24 38 18.4	−6.357	+0.347	81.4	254 273	24 3066
5747	9.0	46 7.64	2.4993	0.0034	24 18 53.1	6.353	0.348	81.4	254 273	24 3065
5748	7.7	46 17.65	2.5118	0.0034	23 50 12.9	6.339	0.350	80.5	123 126	23 3006
5749	6.8	46 21.57	2.5908	0.0035	20 47 5.5	6.333	0.361	80.7	102 111 275	20 3342
5750	9.1	46 25.59	2.4838	0.0034	24 53 1.3	6.328	0.346	81.7	261 265 380	24 3068

[1] Bor. [2] Multipl. [3] Dupl. pr. med. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5751	8.5	16h 46m 32s.52	+2s.5113	+0s.0034	+23° 50′ 56″.9	−6″.318	+0″.350	80.5	123 126	23° 3008
5752	5.5	46 34.38	2.4841	0.0033	24 52 4.5	6.316	0.347	81.4	261 265	24 3069
5753	8.9	46 59.27	2.5134	0.0034	23 45 18.1	6.281	0.351	81.4	254 273	23 3011
5754	9.3	47 13.00	2.6086	0.0036	20 3 21.6	6.262	0.364	80.5	115 120	20 3343
5755	7.4	47 17.84	2.5800	0.0035	21 10 59.9	6.256	0.360	80.4	102 111	21 2997
5756	8.9	16 47 21.01	+2.5491	+0.0034	+22 22 59.9	−6.251	+0.356	81.3	253 264	22 3029
5757	8.4	47 33.41	2.4879	0.0033	24 41 41.9	6.234	0.348	80.4	106 108 110 117	24 3073
5758	8.7	47 53.58	2.5479	0.0034	22 24 43.3	6.206	0.356	80.4	104 113	22 3031
5759	8.5	47 59.94	2.5355	0.0034	22 53 7.1	6.197	0.354	80.5	121 125	22 3032
5760	8.4	48 0.14	2.5344	0.0034	22 55 44.5	6.197	0.354	80.5	123 126	22 3033
5761	8.7	16 48 16.61	+2.5023	+0.0034	+24 8 4.7	−6.174	+0.350	80.4	106 117	24 3077
5762	7.4	48 23.89	2.5742	0.0035	21 22 42.5	6.164	0.360	80.7	102 111 254	21 2999
5763	8.9	48 49.00	2.5424	0.0034	22 35 54.4	6.129	0.356	80.4	104 113	22 3034
5764	9.1[1]	49 26.61	2.4854	0.0033	24 43 53.1	6.077	0.348	80.9	106 117 253 264	24 3080
5765	8.7	49 28.04	2.5032	0.0034	24 3 55.8	6.075	0.351	80.4	108 110	24 3082
5766	5.8	16 49 32.05	+2.5790	+0.0035	+21 9 40.0	−6.069	+0.361	80.7	102 111 272	21 3002
5767	8.6	49 44.19	2.5908	0.0035	20 41 30.7	6.052	0.363	80.5	115 120	20 3347
5768	8.8	49 44.27	2.5684	0.0035	21 34 7.1	6.052	0.360	80.7	102 111 254	21 3004
5769	8.0	49 50.95	2.4931	0.0033	24 25 52.9	6.043	0.349	80.4	108 110	24 3083
5770	9.0	50 0.96	2.5905	0.0035	20 41 44.3	6.029	0.363	80.5	115 120	20 3349
5771	6.8	16 50 2.00	+2.5650	+0.0035	+21 41 38.5	−6.028	+0.359	80.4	104 113	21 3005
5772	8.7	50 14.27	2.5159	0.0034	23 33 59.0	6.011	0.353	80.5	123 126	23 3020
5773	8.5	50 50.28	2.4850	0.0033	24 42 15.4	5.960	0.349	80.4	106 117	24 3088
5774	7.9	51 1.41	2.5484	0.0034	22 18 19.6	5.945	0.358	80.4	104 113	22 3035
5775	9.1	51 2.51	2.5039	0.0033	23 59 32.6	5.943	0.351	81.1	126 253 264	24 3089
5776	8.8	16 51 15.00	+2.4907	+0.0033	+24 28 51.2	−5.926	+0.350	80.4	108 110	24 3091
5777	8.4	51 33.23	2.5637	0.0034	21 42 11.4	5.901	0.360	80.4	104 113	21 3009
5778	8.9	51 47.93	2.5081	0.0033	23 48 59.1	5.880	0.352	80.4	108 110	23 3025
5779	8.5	51 52.58	2.4927	0.0033	24 23 15.0	5.874	0.350	80.4	106 117	24 3094
5780	9.0	51 56.54	2.5304	0.0034	22 58 3.2	5.868	0.355	80.5	121 125	22 3036
5781	9.0	16 51 59.34	+2.6046	+0.0035	+20 5 35.1	−5.864	+0.366	80.5	115 120	20 3355
5782	8.4	52 14.07	2.5758	0.0035	21 12 56.3	5.844	0.362	80.9	113 126 274	21 3013
5783	8.7	52 16.45	2.6020	0.0035	20 11 13.1	5.840	0.366	80.5	115 120	20 3358
5784	8.5	52 22.65	2.5557	0.0034	21 59 20.4	5.832	0.359	80.5	121 125	22 3037
5785	5.8	52 31.09	2.4871	0.0033	24 34 34.8	5.820	0.350	80.4	106 117	24 3095
5786	8.7	16 52 41.64	+2.5846	+0.0035	+20 51 34.5	−5.805	+0.363	81.1	126 274 276	20 3362
5787	9.5	52 51.71	2.5666	0.0034	21 33 17.0	5.791	0.361	81.4	272	[21 3014]
5788	7.3	53 0.10	2.5977	0.0035	20 20 20.3	5.779	0.365	80.5	115 120	20 3363
5789	9.2	53 20.29	2.5671	0.0034	21 31 30.7	5.751	0.361	80.4	102 111	21 3017
5790	8.5	53 33.82	2.5021	0.0033	23 59 26.6	5.732	0.352	80.4	108 110	24 3097
5791	8.5	16 53 58.10	+2.4705	+0.0033	+25 8 49.5	−5.698	+0.348	80.4	108 110	25 3175
5792	8.6	54 2.35	2.5984	0.0035	20 17 11.9	5.692	0.366	80.5	115 120	20 3369
5793	8.7	54 10.02	2.4830	0.0033	24 40 54.9	5.682	0.350	81.3	253 264	24 3099
5794	8.8	54 17.97	2.6048	0.0035	20 1 32.1	5.671	0.367	80.5	115 120	20 3370
5795	7.8	54 28.66	2.4905	0.0033	24 23 44.5	5.656	0.351	81.4	253 264 274 276	24 3101
5796	9.2	16 54 40.55	+2.5519	+0.0034	+22 4 26.7	−5.639	+0.360	81.0	126 268	22 3041
5797	9.2	54 52.07	2.5346	0.0034	22 43 52.4	5.623	0.357	81.3	253 264	22 3042
5798	9.0	54 56.37	2.5388	0.0034	22 34 11.2	5.617	0.358	81.7	261 265 380	22 3043
5799	9.1	55 8.75	2.5996	0.0035	20 12 44.5	5.600	0.367	80.5	115 120	20 3376
5800	9.1	55 11.09	2.5620	0.0034	21 40 31.6	5.596	0.361	80.5	123 126	21 3021

[1] Z. 117 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5801	9.0	16h 55m 16s.46	+2s.5899	+0s.0034	+20° 35′ 15″.7	−5″.589	+0″.365	81.4	272 274	20° 3377
5802	9.1	55 16.62	2.5897	0.0034	20 35 48.9	5.588	0.365	81.4	268 272	
5803	8.0	55 29.58	2.4843	0.0033	24 35 48.7	5.570	0.351	81.4	261 265 277	24 3104
5804	5	55 41.51	2.5318	0.0033	22 49 3.8	5.554	0.357	81.4	253 276	22 3045
5805	7.4	55 46.61	2.5614	0.0034	21 41 0.1	5.546	0.361	80.5	123 126	21 3022
5806	9.5	16 55 47.98	+2.5495	+0.0034	+22 8 15.7	−5.545	+0.360	81.7	274 277 279 380	22 3046
5807	8.7	56 4.08	2.5117	0.0033	23 33 44.1	5.522	0.355	81.4	261 265	23 3032
5808	9.0	56 10.62	2.5287	0.0033	22 55 14.8	5.513	0.357	81.4	254 276	22 3047
5809	8.8	56 21.46	2.5639	0.0034	21 34 23.9	5.498	0.362	80.5	123 126	21 3024
5810	8.9	56 35.34	2.5380	0.0033	22 33 22.6	5.478	0.358	80.5	121 125	22 3050
5811	8.3	16 56 40.34	+2.4848	+0.0033	+24 32 43.8	−5.471	+0.351	80.4	108 110 117	24 3105
5812	8.5	56 44.87	2.4998	0.0033	23 59 17.6	5.465	0.353	81.5	276	24 3106
5813	8.6	56 45.36	2.5232	0.0033	23 6 54.6	5.464	0.356	81.4	253 261 264 265	23 3035
5814	9.2	56 46.58	2.6022	0.0034	20 4 18.4	5.462	0.368	80.9	115 120 277 279	20 3381
5815	9.0	57 13.44	2.5020	0.0033	23 53 39.8	5.425	0.354	81.4	254 276	23 3037
5816	9.0	16 57 13.75	+2.5515	+0.0034	+22 1 32.0	−5.424	+0.361	81.0	126 268	22 3051
5817	6.5	57 15.64	2.5806	0.0034	20 54 21.1	5.422	0.365	80.5	115 120	20 3382
5818	8.9	57 20.14	2.5140	0.0033	23 26 37.3	5.415	0.355	81.5	272 274 278	23 3038
5819	8.9	57 28.37	2.4979	0.0033	24 2 33.7	5.404	0.353	81.4	261 265	24 3108
5820	8.8	57 39.04	2.4682	0.0033	25 7 51.4	5.389	0.349	80.7	106 117 279	25 3186
5821	7.2	16 57 44.99	+2.5586	+0.0034	+21 44 28.0	−5.380	+0.362	81.4	272 274	21 3031
5822	9.0	57 50.31	2.5489	0.0033	22 6 48.2	5.373	0.360	80.8	123 126 268	22 3055
5823	9.0	57 51.45	2.5349	0.0033	22 38 36.1	5.371	0.359	80.5	121 125	22 3054
5824	8.3	58 0.46	2.4708	0.0033	25 1 35.1	5.359	0.350	80.4	108 110	25 3190
5825	9.2	58 11.68	2.5946	0.0034	20 20 15.1	5.343	0.367	81.5	275 278	20 3385
5826	8.5	16 58 25.02	+2.6037	+0.0034	+19 58 35.0	−5.324	+0.368	81.4	272 274	20 3386
5827	8.8	58 37.58	2.5758	0.0034	21 3 25.9	5.306	0.365	81.4	254 268	21 3035
5828	8.9	58 41.35	2.4903	0.0033	24 17 23.0	5.301	0.353	81.0	106 117 380	24 3112
5829	9.0	58 53.02	2.5403	0.0033	22 24 52.2	5.285	0.360	80.8	123 126 279	22 3062
5830	8.4	58 54.09	2.5971	0.0034	20 13 23.8	5.283	0.368	81.5	275 278	20 3389
5831	8.6	16 58 55.24	+2.5344	+0.0033	+22 38 17.5	−5.282	+0.359	80.5	121 125	22 3063
5832	8.2	59 0.95	2.5544	0.0033	21 52 25.2	5.274	0.362	81.5	272 275 278	21 3037
5833	9.0	59 1.14	2.5175	0.0033	23 16 18.4	5.273	0.357	81.4	261 265	23 3041
5834	8.6	59 12.41	2.5524	0.0033	21 56 44.9	5.257	0.362	81.5	274 279	21 3039
5835	8.6	59 38.87	2.5358	0.0033	22 33 57.6	5.220	0.359	80.5	121 125	22 3068
5836	8.9	16 59 41.83	+2.5690	+0.0034	+21 17 43.7	−5.216	+0.364	81.1	126 254 268	21 3042
5837	9.0	59 46.22	2.4890	0.0032	24 18 37.9	5.210	0.353	80.4	106 108 110	24 3115
5838	7.2	17 0 6.02	2.5599	0.0033	21 38 9.3	5.182	0.363	81.4	272 274	21 3045
5839	8.7	0 6.41	2.5637	0.0033	21 29 32.9	5.181	0.363	81.5	275 278	21 3046
5840	8.7	0 21.18	2.5711	0.0033	21 12 9.3	5.161	0.365	81.4	268 279	21 3047
5841	9.1	17 0 27.13	+2.4671	+0.0032	+25 5 42.3	−5.152	+0.350	80.4	106 108 110 117	25 3196
5842	8.9	0 41.81	2.5987	0.0034	20 7 25.9	5.131	0.369	81.5	275 278	20 3393
5843	9.0	0 44.48	2.5835	0.0034	20 42 45.6	5.128	0.366	80.5	123 126	20 3394
5844	8.0	0 49.73	2.5104	0.0032	23 29 30.5	5.120	0.356	81.3	253 264	23 3050
5845	8.2	0 58.09	2.5916	0.0034	20 23 41.3	5.109	0.368	81.0	120 279	20 3396
5846	8.8	17 0 59.26	+2.5531	+0.0033	+21 52 36.2	−5.107	+0.362	81.4	254 276	21 3048
5847	5.5	1 0.73	2.5432	0.0033	22 15 16.3	5.105	0.361	80.5	121 125	22 3073
5848	8.7	1 3.18	2.5564	0.0033	21 45 0.6	5.101	0.363	81.7	272 274 380	21 3050
5849	8.8	1 22.71	2.5914	0.0034	20 23 30.1	5.074	0.368	81.0	120 279	20 3398
5850	7.3	1 22.81	2.4926	0.0032	24 8 25.3	5.074	0.354	80.4	108 110	24 3121

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5851	9.0	17h 1m 30s.62	+2s.5451	+0s.0033	+22° 10' 12".9	−5".063	+0".361	81.4	254 275 276 278	22° 3076
5852	8.6	1 31.28	2.5035	0.0032	23 43 57.0	5.062	0.355	80.4	108 110	23 3051
5853	8.3	1 43.82	2.5428	0.0033	22 15 9.5	5.044	0.361	80.5	121 125	22 3077
5854	8.8	1 54.88	2.5077	0.0032	23 34 5.7	5.028	0.356	81.3	253 264	23 3052
5855	8.6	2 0.89	2.5529	0.0033	21 51 40.3	5.020	0.363	81.4	254 268	21 3052
5856	8.7	17 2 5.70	+2.4667	+0.0032	+25 4 15.3	−5.013	+0.351	80.9	106 117 272 276	25 3201
5857	8.5	2 14.06	2.5430	0.0033	22 14 6.2	5.001	0.361	80.5	121 125	22 3080
5858	9.0	2 35.84	2.5467	0.0033	22 5 6.8	4.971	0.362	80.5	123 126	22 3082
5859	8.2	2 35.99	2.4752	0.0032	24 44 45.5	4.970	0.352	80.7	106 117 276	24 3124
5860	8.1	2 50.12	2.5711	0.0033	21 8 49.5	4.950	0.365	81.4	254 268	21 3053
5861	8.8	17 3 1.81	+2.5873	+0.0033	+20 31 4.6	−4.934	+0.368	80.5	115 120	20 3402
5862	8.8	3 17.36	2.5475	0.0033	22 2 24.7	4.912	0.362	80.5	121 125	22 3084
5863	6.6	3 23.59	2.4773	0.0032	24 39 2.2	4.903	0.352	80.9	106 117 272 276	24 3127
5864	8.4	4 5.06	2.5313	0.0032	22 38 2.9	4.844	0.360	80.5	123 126	22 3085
5865	6.6	4 8.76	2.5413	0.0033	22 15 13.0	4.839	0.362	80.5	121 125	22 3086
5866	8.8	17 4 14.68	+2.4795	+0.0032	+24 33 3.4	−4.831	+0.353	80.9	106 272	24 3131
5867	8.2	4 24.94	2.5016	0.0032	23 44 10.4	4.816	0.356	81.3	253 264	23 3058
5868	9.2	4 36.82	2.5945	0.0033	20 12 19.1	4.799	0.369	80.7	115 120 268	20 3410
5869	8.2	4 52.21	2.5328	0.0032	22 33 42.7	4.778	0.361	80.5	121 125	22 3092
5870	8.7	4 55.67	2.5893	0.0033	20 24 1.7	4.773	0.369	80.5	115 120	20 3411
5871	8.6	17 4 59.41	+2.4888	+0.0032	+24 11 41.4	−4.767	+0.355	80.4	108 110	24 3133
5872	7.8	5 9.97	2.5640	0.0033	21 22 18.4	4.752	0.365	80.5	123 126	21 3059
5873	8.7	5 11.14	2.4865	0.0032	24 16 24.8	4.751	0.354	80.4	108 110	24 3135
5874	8.2	5 29.80	2.4751	0.0032	24 40 51.2	4.724	0.353	80.9	106 117 261 265	24 3137
5875	9.2	5 38.93	2.5668	0.0033	21 15 11.6	4.711	0.366	81.4	254 268	— —
5876	9.4	17 5 45.88	+2.5668	+0.0033	+21 14 56.3	−4.702	+0.366	81.4	254 268	} 21 3061
5877	9.1	5 46.42	2.5671	0.0033	21 14 15.6	4.701	0.366	80.5	123 126	}
5878	5.3	5 52.66	2.4828	0.0032	24 23 30.5	4.692	0.354	80.4	108 110	24 3140
5879	7.0	6 6.49	2.4823	0.0032	24 24 21.2	4.672	0.354	81.1	110 261 265	24 3141
5880	9.5	6 7.52	2.4679	0.0031	24 55 53.0	4.671	0.352	80.4	108	— —
5881	9.6	17 6 15.55	+2.5444	+0.0032	+22 5 36.3	−4.660	+0.363	80.5	121 125	[22 3095]
5882	8.9	6 17.46	2.5235	0.0032	22 52 42.3	4.657	0.360	81.3	253 264	22 3096
5883	9.1	6 29.02	2.4930	0.0032	24 0 23.7	4.640	0.356	81.4	253 274 276	24 3142
5884	9.1	6 33.79	2.4696	0.0031	24 51 29.0	4.634	0.352	80.7	106 117 272	24 3143
5885	8.9	6 34.36	2.5910	0.0033	20 18 10.0	4.633	0.370	80.5	115 120	20 3417
5886	9.0	17 6 38.40	+2.5768	+0.0033	+20 50 52.2	−4.627	+0.368	80.9	126 268	20 3418
5887	7.5	6 45.30	2.5629	0.0032	21 22 52.3	4.617	0.366	81.4	254 274 275 276	} 21 3063
5888	8.5	6 45.35	2.5629	0.0032	21 22 45.0	4.617	0.366	81.4	274	}
5889	8.4	6 48.97	2.5914	0.0033	20 16 52.6	4.612	0.370	80.5	115 120	20 3419
5890	8.7	7 8.67	2.5336	0.0032	22 29 0.6	4.584	0.362	80.5	121 125	22 3100
5891	8.9	17 7 9.12	+2.4690	+0.0031	+24 52 4.3	−4.583	+0.353	80.7	106 117 276	24 3145
5892	9.0	7 13.10	2.5633	0.0032	21 21 23.3	4.578	0.366	81.4	272 275	21 3066
5893	8.8	7 13.37	2.5737	0.0032	20 57 25.3	4.577	0.367	81.4	254 268	20 3422
5894	8.0	7 15.58	2.5654	0.0032	21 16 20.8	4.574	0.366	81.4	272 274	21 3067
5895	8.9[1]	7 30.52	2.4919	0.0031	24 1 24.7	4.553	0.356	81.1	108 253 264	24 3148
5896	8.8	17 7 53.74	+2.5926	+0.0033	+20 12 52.6	−4.520	+0.370	80.5	115 120	20 3425
5897	8.2	7 58.62	2.5602	0.0032	21 27 26.8	4.513	0.366	80.5	123 126	21 3069
5898	8.4	8 6.02	2.5801	0.0032	20 41 35.5	4.503	0.369	81.4	268 279	20 3427
5899	8.0	8 14.44	2.5220	0.0032	22 53 39.4	4.491	0.360	81.3	253 264	22 3103
5900	6.9	8 19.38	2.5569	0.0032	21 34 44.5	4.484	0.365	81.5	275 278	21 3070

[1] Bor.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
5901	8.9	17h 8m 22s.76	+2s.5419	+0s.0032	+22° 8' 42".3	−4".479	+0".363	81.5	275 278	22° 3104
5902	8.7	8 31.08	2.5721	0.0032	20 59 32.3	4.467	0.368	81.4	254 274 276	21 3071
5903	9.0	8 36.37	2.5064	0.0031	23 27 50.5	4.460	0.358	81.4	261 265	23 3065
5904	9.1	8 42.61	2.5176	0.0032	23 2 59.1	4.451	0.360	81.5	279 281	23 3066
5905	8.5	8 47.45	2.5264	0.0032	22 42 59.4	4.444	0.361	81.5	275 278	22 3105
5906	8.5	17 8 48.80	+2.4906	+0.0031	+24 2 39.5	−4.442	+0.356	80.4	110	[24 3151]
5907	8.9	9 5.03	2.5956	0.0032	20 4 39.2	4.419	0.371	81.4	254 268	20 3431
5908	7.9	9 37.21	2.4852	0.0031	24 13 24.3	4.373	0.356	81.5	279 281	24 3154
5909	8.6	9 49.76	2.5527	0.0032	21 42 29.5	4.355	0.365	81.5	275 278	21 3076
5910	**3.0**	**9 53.87**	**2.4640**	**0.0031**	**24 59 16.6**	**4.349**	**0.353**		**Fund. Cat.**	**25 3221**
5911	9.1	17 10 8.04	+2.5904	+0.0032	+20 15 30.4	−4.329	+0.371	81.4	254 268	20 3432
5912	6.0	10 29.83	2.4940	0.0031	23 53 0.1	4.298	0.357	81.5	279 281	23 3070
5913	9.0	10 30.49	2.4607	0.0031	25 5 29.9	4.297	0.352	81.5	279 281	25 3224
5914	9.1	10 54.00	2.5069	0.0031	23 23 59.8	4.264	0.359	81.4	261 265 275 278	23 3071
5915	8.3	11 2.46	2.5196	0.0031	22 55 41.7	4.252	0.361	80.5	121 125	22 3109
5916	9.0	17 11 12.02	+2.5859	+0.0032	+20 24 53.1	−4.238	+0.370	81.4	254 268	20 3435
5917	8.4	11 33.18	2.5841	0.0032	20 28 32.2	4.208	0.370	80.5	115 120	20 3438
5918	9.1	11 37.55	2.5488	0.0031	21 49 11.0	4.202	0.365	81.1	126 274 276	21 3082
5919	8.7	11 38.51	2.5414	0.0031	22 6 2.4	4.200	0.364	80.5	121 125	22 3110
5920	8.7	11 55.46	2.5611	0.0031	21 20 59.5	4.176	0.367	81.4	254 268	21 3084
5921	8.9	17 12 6.76	+2.4692	+0.0031	+24 45 15.6	−4.160	+0.354	80.4	108 110	24 3159
5922	8.6	12 16.06	2.5808	0.0032	20 35 33.5	4.147	0.370	80.8	115 120 281	20 3439
5923	6.7	12 21.82	2.5108	0.0031	23 13 35.6	4.138	0.360	81.4	261 265	23 3074
5924	9.1	12 32.85	2.5700	0.0031	21 0 1.3	4.123	0.369	81.1	126 274 276	21 3086
5925	9.0	12 54.69	2.5129	0.0031	23 8 20.0	4.091	0.361	81.4	261 265	23 3076
5926	8.1	17 13 8.36	+2.5012	+0.0031	+23 34 0.8	−4.072	+0.359	80.4	108 110	23 3078
5927	9.0	13 16.74	2.5557	0.0031	21 31 50.7	4.060	0.367	81.0	126 274	21 3088
5928	7.3	13 21.75	2.5457	0.0031	21 54 18.6	4.053	0.365	81.4	254 268	21 3089
5929	9.0	13 45.42	2.5106	0.0031	23 12 31.6	4.019	0.360	81.4	261 265	23 3082
5930	8.1	14 17.91	2.5408	0.0031	22 4 22.1	3.973	0.365	80.5	121 125	22 3120
5931	8.5	17 14 24.87	+2.5746	+0.0031	+20 47 37.3	−3.963	+0.370	80.5	115 120	20 3447
5932	8.7	14 39.66	2.4626	0.0030	24 56 24.8	3.941	0.354	80.4	108 110	24 3164
5933	9.0	14 39.90	2.5167	0.0031	22 57 58.3	3.941	0.362	80.8	121 125 281	22 3123
5934	6.7	15 27.34	2.5517	0.0031	21 38 44.3	3.873	0.367	80.9	126 268	21 3100
5935	5.2	15 45.32	2.4708	0.0030	24 37 30.7	3.848	0.355	80.7	108 110 274	24 3167
5936	8.9	17 15 58.77	+2.4698	+0.0030	+24 39 32.8	−3.828	+0.355	80.4	108 110	24 3168
5937	8.8	16 12.14	2.5875	0.0031	20 16 10.5	3.809	0.372	80.5	115 120	20 3456
5938	8.0	16 25.39	2.5792	0.0031	20 35 1.3	3.790	0.371	80.5	115 120	20 3457
5939	8.8	16 28.09	2.5137	0.0030	23 2 40.3	3.786	0.362	81.5	261 265 282 292	23 3090
5940	7.0	16 37.85	2.4928	0.0030	23 48 33.9	3.772	0.359	81.4	261 265	23 3091
5941	7.1	17 16 41.24	+2.5609	+0.0031	+21 16 34.1	−3.767	+0.368	80.9	126 268	21 3103
5942	8.7	16 47.84	2.5441	0.0030	21 54 30.8	3.758	0.366	81.4	272 274	21 3105
5943	7.9	16 51.09	2.5071	0.0030	23 16 55.3	3.753	0.361	81.4	261 265	23 3092
5944	9.0	17 2.41	2.5785	0.0031	20 36 7.0	3.737	0.371	80.5	115 120	20 3460
5945	8.3	17 3.76	2.5665	0.0031	21 3 20.5	3.735	0.369	81.4	254 268	21 3107
5946	8.8	17 17 11.39	+2.5639	+0.0031	+21 9 10.3	−3.724	+0.369	81.1	126 274 276	21 3108
5947	9.0	17 11.81	2.5662	0.0031	21 3 58.1	3.724	0.369	81.4	254 268	21 3109
5948	6.7	17 19.32	2.4594	0.0030	25 0 21.6	3.713	0.354	80.4	108 110	25 3252
5949	9.1	17 24.71	2.4815	0.0030	24 12 25.1	3.705	0.357	80.4	108 110	24 3171
5950	8.6	17 38.86	2.5331	0.0030	22 18 15.4	3.685	0.365	80.5	121 125	22 3130

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
5951	8.9	17h 17m 54s.47	+2s.5361	+0s.0030	+22° 11′ 25″.2	−3″.663	+0″.365	80.5	121 125	22° 3131
5952	8.9	18 1.28	2.5882	0.0031	20 12 49.7	3.653	0.373	80.5	115 120	20 3464
5953	9.2	18 28.71	2.4691	0.0029	24 38 17.6	3.613	0.356	80.4	108 110	24 3177
5954	8.3	18 31.31	2.5399	0.0030	22 2 8.5	3.610	0.366	80.5	121 125	22 3133
5955	8.9	18 44.79	2.4965	0.0030	23 38 26.4	3.590	0.360	81.4	254 274 276	23 3099
5956	5.6	17 18 52.78	+2.5117	+0.0030	+23 4 40.2	−3.579	+0.362	81.1	126 261 265	23 3100
5957	9.0	18 57.82	2.5928	0.0030	20 1 20.2	3.572	0.374	80.5	115 120	20 3468
5958	8.3	19 50.66	2.5922	0.0030	20 2 0.8	3.496	0.374	80.5	115 120	20 3471
5959	9.0	19 58.98	2.5894	0.0030	20 8 15.5	3.484	0.373	80.7	115 120 272	20 3474
5960	8.4	20 0.25	2.5325	0.0030	22 17 29.7	3.482	0.365	80.5	121 125	22 3135
5961	7.9	17 20 4.35	+2.5254	+0.0030	+22 33 11.4	−3.476	+0.364	80.5	121 125	22 3136
5962	8.4	20 10.50	2.5813	0.0030	20 26 44.7	3.467	0.372	81.4	254 268	20 3475
5963	8.6	20 36.02	2.5235	0.0030	22 36 54.8	3.431	0.364	81.1	126 274 276	22 3138
5964	9.1	20 44.95	2.4756	0.0029	24 22 2.6	3.418	0.357	80.4	108 110	24 3180
5965	9.3	20 50.12	2.5549	0.0030	21 26 23.2	3.410	0.369	81.2	126 275 278	21 3121
5966	9.0	17 21 2.78	+2.4546	+0.0029	+25 6 49.5	−3.392	+0.354	81.4	261 265	25 3263
5967	8.2	21 3.85	2.4788	0.0029	24 14 40.5	3.391	0.358	80.7	108 110 281	24 3181
5968	9.4	21 4.40	2.4551	0.0029	25 5 50.5	3.390	0.354	81.4	272 274	— —
5969	8.7	21 6.25	2.5339	0.0030	22 13 12.4	3.387	0.366	81.4	254 268	22 3139
5970	8.3	21 6.87	2.4801	0.0029	24 11 54.8	3.386	0.358	80.7	108 110 281	24 3182
5971	9.0	17 21 8.80	+2.5065	+0.0029	+23 14 0.2	−3.384	+0.362	81.4	261 265	23 3113
5972	8.2	21 9.93	2.4743	0.0029	24 24 26.4	3.382	0.357	81.4	272 274	24 3184
5973	8.8	21 11.51	2.5528	0.0030	21 30 38.5	3.380	0.368	81.0	126 276	21 3123
5974	8.5	21 18.87	2.5255	0.0029	22 31 48.5	3.369	0.365	80.5	121 125	22 3141
5975	8.6	21 24.54	2.5843	0.0030	20 18 58.9	3.361	0.373	81.4	254 268	20 3480
5976	5.9	17 21 25.46	+2.5876	+0.0030	+20 11 19.6	−3.360	+0.374	80.8	115 120 279	20 3481
5977	8.6	21 42.51	2.5186	0.0029	22 46 47.4	3.335	0.364	81.0	125 276	22 3144
5978	8.7	21 44.66	2.5205	0.0029	22 42 30.7	3.332	0.364	81.2	121 275 278	22 3145
5979	7.6	21 48.71	2.5442	0.0030	21 49 37.4	3.326	0.367	81.5	275 278	21 3124
5980	9.0	21 51.24	2.5045	0.0029	23 17 44.1	3.323	0.362	81.4	261 265	23 3118
5981	9.1	17 21 59.45	+2.4986	+0.0029	+23 30 32.5	−3.311	+0.361	81.5	272 274 279	23 3120
5982	9.0	22 1.52	2.5028	0.0029	23 21 21.2	3.308	0.361	81.4	261 265	23 3121
5983	8.9	22 11.45	2.5540	0.0030	21 27 15.0	3.293	0.369	81.0	126 268	21 3127
5984	9.2	22 14.92	2.5886	0.0030	20 8 23.0	3.288	0.374	80.5	115 120	20 3483
5985	8.6	22 31.49	2.5676	0.0030	20 56 8.5	3.265	0.371	81.4	254 276	20 3485
5986	8.9	17 22 38.16	+2.5152	+0.0029	+22 53 30.1	−3.255	+0.363	80.5	121 125	22 3147
5987	8.9	23 0.86	2.5524	0.0029	21 30 9.9	3.222	0.369	81.0	126 268	21 3133
5988	8.5	23 4.61	2.5902	0.0030	20 3 56.7	3.217	0.374	80.8	115 120 279	20 3488
5989	8.5	23 4.76	2.4799	0.0029	24 10 25.6	3.217	0.358	80.4	108 110	24 3188
5990	9.0	23 8.60	2.4927	0.0029	23 42 26.3	3.211	0.360	81.4	261 265	23 3122
5991	8.4	17 23 12.76	+2.5447	+0.0029	+21 47 10.0	−3.205	+0.368	81.4	272 274	21 3134
5992	8.9	23 35.97	2.5385	0.0029	22 0 44.9	3.172	0.367	81.4	254 268	22 3149
5993	8.6	23 53.93	2.5027	0.0029	23 19 55.6	3.146	0.362	81.5	272 274 281	23 3123
5994	8.0	23 56.35	2.5324	0.0029	22 14 15.0	3.142	0.366	80.5	121 125	22 3150
5995	8.7	24 9.96	2.5748	0.0029	20 38 25.5	3.123	0.372	80.5	115 120	20 3493
5996	9.0	17 24 16.92	+2.4831	+0.0029	+24 2 25.3	−3.113	+0.359	80.4	108 110	24 3191
5997	8.7	24 25.49	2.5369	0.0029	22 3 42.3	3.100	0.367	81.0	126 268	22 3155
5998	8.5	24 27.96	2.5276	0.0029	22 24 22.5	3.097	0.366	80.5	121 125	22 3156
5999	8.9	24 29.48	2.4631	0.0029	24 45 22.7	3.095	0.356	80.7	108 110 281	24 3192
6000	8.7	24 30.17	2.4546	0.0029	25 3 31.2	3.094	0.355	81.4	261 265	25 3274

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6001	9.0	$17^h\ 24^m\ 30^s.28$	$+2^s.4576$	$+0^s.0029$	$+24°\ 57'\ 8''.3$	$-3''.094$	$+0''.355$	81.5	274 279	24° 3193
6002	7.7	25 1.70	2.5348	0.0029	22 7 57.0	3.048	0.367	81.2	126 275 278	22 3157
6003	7.7	25 12.56	2.5121	0.0029	22 58 14.0	3.033	0.363	81.4	254 276	22 3158
6004	9.0	25 21.47	2.5241	0.0029	22 31 28.4	3.020	0.365	81.4	272	} 22 3159
6005	8.8	25 25.59	2.5246	0.0029	22 30 19.7	3.014	0.365	80.8	121 125 268	}
6006	8.0	17 25 29.83	+2.4799	+0.0029	+24 8 18.9	−3.008	+0.359	80.4	108 110	24 3197
6007	9.1	25 43.90	2.5401	0.0029	21 55 37.2	2.987	0.368	81.5	275 278	21 3142
6008	8.2	25 46.12	2.5616	0.0029	21 7 9.0	2.984	0.371	81.5	275 278	21 3143
6009	7.5	25 46.23	2.5837	0.0029	20 16 56.1	2.984	0.374	80.5	115 120	20 3500
6010	8.1	25 55.10	2.5049	0.0029	23 13 18.4	2.971	0.363	81.0	126 281	23 3124
6011	8.9	17 25 58.53	+2.4836	+0.0029	+23 59 47.2	−2.966	+0.360	80.7	108 110 279	24 3199
6012	9.1	26 5.66	2.5871	0.0029	20 8 48.8	2.956	0.374	80.5	115 120	20 3502
6013	8.1	26 9.83	2.4914	0.0028	23 42 47.1	2.950	0.361	81.4	254 276	23 3125
6014	8.1	26 31.65	2.5146	0.0029	22 51 32.6	2.919	0.364	80.5	121 125	22 3162
6015	8.8	26 34.13	2.5753	0.0029	20 35 29.3	2.915	0.373	80.8	115 120 279	20 3504
6016	8.4	17 26 52.04	+2.5549	+0.0029	+21 21 21.2	−2.889	+0.370	81.0	126 268	21 3146
6017	8.8	26 52.88	2.5755	0.0029	20 34 40.1	2.888	0.373	81.4	272 274	20 3506
6018	8.7	27 16.92	2.4842	0.0028	23 57 33.0	2.853	0.360	81.4	254 276	23 3128
6019	9.3	27 23.46	2.4731	0.0028	24 21 29.1	2.844	0.358	80.7	108 110 279	24 3205
6020	8.7	27 33.38	2.4876	0.0028	23 49 47.6	2.829	0.360	81.4	261 265	23 3130
6021	8.5	17 27 35.34	+2.5382	+0.0028	+21 58 23.8	−2.827	+0.368	81.4	268 279	21 3150
6022	8.7	27 35.90	2.5001	0.0028	23 22 42.9	2.826	0.362	81.5	275 278 281	23 3131
6023	8.8	27 44.59	2.4978	0.0028	23 27 37.3	2.813	0.362	81.4	272 274	23 3133
6024	8.1	27 58.58	2.4825	0.0028	24 0 32.8	2.793	0.360	81.5	275 278	24 3206
6025	8.9	28 3.14	2.5725	0.0028	20 40 39.1	2.786	0.373	80.5	115 120	20 3509
6026	8.9	17 28 9.14	+2.4849	+0.0028	+23 55 19.5	−2.778	+0.360	81.7	261 265 380	23 3134
6027	8.5	28 15.34	2.5290	0.0028	22 18 23.6	2.769	0.367	80.8	121 125 281	22 3165
6028	8.7	28 31.06	2.4525	0.0028	25 4 33.7	2.746	0.355	81.7	261 265 380	25 3290
6029	7.9	28 36.56	2.5465	0.0028	21 39 9.6	2.738	0.369	81.0	126 268	21 3153
6030	8.7	29 21.48	2.5871	0.0028	20 6 29.8	2.673	0.375	80.5	115 120	20 3515
6031	8.4	17 29 41.69	+2.5840	+0.0028	+20 13 22.2	−2.644	+0.375	80.5	115 120	20 3517
6032	9.1	29 51.84	2.5335	0.0028	22 7 13.4	2.629	0.368	80.5	121 125	22 3166
6033	9.0	29 57.84	2.4659	0.0028	24 34 53.9	2.621	0.358	81.4	261 265	24 3210
6034	8.3	29 57.95	2.4806	0.0028	24 3 9.3	2.621	0.360	81.4	272 274	24 3211
6035	8.6	30 0.57	2.5022	0.0028	23 16 15.0	2.617	0.363	81.0	126 281	23 3140
6036	6.8	17 30 1.67	+2.4700	+0.0028	+24 25 59.5	−2.615	+0.358	81.4	261 265	24 3212
6037	9.1	30 29.33	2.4712	0.0028	24 23 9.4	2.575	0.359	80.7	108 110 281	24 3213
6038	6.1[1]	30 39.13	2.5612	0.0028	21 4 39.1	2.561	0.372	81.4	254 268	21 3157
6039	9.0	30 42.49	2.5589	0.0028	21 9 42.5	2.556	0.371	81.0	126 276	21 3158
6040	8.9	31 14.00	2.5225	0.0028	22 30 36.9	2.511	0.366	80.5	121 125	22 3168
6041	7.9	17 31 16.20	+2.4825	+0.0027	+23 58 17.5	−2.507	+0.360	81.4	261 265	23 3144
6042	8.5	31 32.79	2.5893	0.0028	20 0 10.3	2.483	0.376	80.9	120 254	20 3526
6043	7.8	31 41.62	2.5805	0.0028	20 20 8.3	2.471	0.375	80.5	115 120	20 3527
6044	8.0	31 50.32	2.4645	0.0027	24 36 34.4	2.458	0.358	81.4	261 265	24 3215
6045	8.3	31 52.84	2.5591	0.0028	21 8 31.8	2.454	0.372	81.0	126 268	21 3163
6046	8.6	17 31 55.93	+2.4698	+0.0027	+24 25 8.5	−2.450	+0.359	80.4	108 110	24 3216
6047	8.1	32 0.28	2.4952	0.0027	23 30 6.8	2.444	0.362	81.4	272 274	23 3146
6048	8.5	32 6.17	2.5565	0.0028	21 14 17.5	2.435	0.371	81.0	126 268	21 3167
6049	8.4	32 8.09	2.5715	0.0028	20 40 22.8	2.432	0.373	81.5	275 278	20 3531
6050	8.9	32 9.53	2.4930	0.0027	23 34 53.4	2.430	0.362	81.4	272 274	23 3147

[1] Com. 9^m 10"

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6051	8.1	17h 32m 11.21s	+2.5245s	+0.0027s	+22° 25' 40.2"	−2.428"	+0.367"	80.5	121 125	22° 3172
6052	8.8	32 18.28	2.4799	0.0027	24 3 8.2	2.418	0.360	81.5	279 281	24 3217
6053	8.5	32 20.17	2.5039	0.0027	23 10 59.4	2.415	0.364	81.4	272 274	23 3150
6054	6.0	32 22.16	2.4706	0.0027	24 23 8.2	2.412	0.359	80.4	108 110	24 3218
6055	9.0	32 32.72	2.5776	0.0028	20 26 12.9	2.397	0.374	80.5	115 120	20 3533
6056	9.2[1]	17 32 36.35	+2.5078	+0.0027	+23 2 7.4	−2.391	+0.364	81.5	279 282 291 292	
	9.0[1]	32 36.31	2.5078	0.0027	23 2 5.7	2.391	0.364	81.5	275	} 23 3151
6057	9.3[1]	32 36.41	2.5078	0.0027	23 2 3.2	2.391	0.364	81.5	279 282	
6058	7.6	32 46.04	2.5627	0.0027	20 59 48.6	2.377	0.372	81.4	254 268	21 3170
6059	8.5	32 52.63	2.5725	0.0027	20 37 33.5	2.368	0.374	81.5	275 278 281 291	20 3535
6060	9.1	33 7.09	2.4651	0.0027	24 34 21.6	2.347	0.358	81.1	108 261 265	24 3220
6061	8.5	17 33 12.87	+2.5025	+0.0027	+23 13 21.0	−2.338	+0.364	81.4	261 276	23 3153
6062	8.6	33 14.34	2.5630	0.0027	20 58 52.0	2.336	0.372	81.0	126 276	20 3536
6063	8.6	33 18.20	2.5176	0.0027	22 40 12.2	2.331	0.366	80.5	121 125	22 3174
6064	9.0	33 27.11	2.5726	0.0027	20 37 0.0	2.318	0.374	81.5	278a 279 281	20 3537
6065	8.3	33 31.00	2.5543	0.0027	21 18 21.4	2.312	0.371	81.4	272 274	21 3175
6066	8.5	17 33 32.78	+2.5219	+0.0027	+22 30 29.9	−2.310	+0.366	80.5	121 125	22 3176
6067	7.8	33 36.09	2.5263	0.0027	22 20 48.0	2.305	0.367	80.5	121 125	22 3177
6068	9.0	33 42.12	2.5809	0.0027	20 18 6.9	2.296	0.375	80.5	115 120	20 3538
6069	9.0	33 46.10	2.5583	0.0027	21 9 11.0	2.290	0.372	81.4	254 276	21 3176
6070	9.1	34 7.81	2.5489	0.0027	21 30 0.8	2.259	0.370	80.9	126 268	21 3179
6071	9.1	17 34 12.90	+2.5402	+0.0027	+21 49 27.5	−2.252	+0.369	81.5	279 281	21 3180
6072	9.0	34 21.14	2.5267	0.0027	22 19 27.2	2.240	0.367	80.5	121 125	22 3179
6073	9.0	34 30.89	2.5094	0.0027	22 57 22.3	2.225	0.365	81.4	272 274	22 3180
6074	8.3	34 31.10	2.4510	0.0027	25 3 33.7	2.225	0.356	81.4	261 265	25 3316
6075	7.7	34 32.40	2.4672	0.0027	24 29 3.3	2.223	0.359	80.4	108 110	24 3223
6076	9.0	17 34 34.97	+2.5213	+0.0027	+22 31 17.4	−2.220	+0.366	81.5	279 281	22 3182
6077	8.6	34 37.00	2.5418	0.0027	21 45 43.0	2.217	0.369	81.4	254 268	21 3182
6078	8.8[2]	35 14.53	2.5794	0.0027	20 20 42.2	2.162	0.375	80.5	115 120	20 3540
6079	8.6	35 21.87	2.5854	0.0027	20 6 56.5	2.152	0.376	81.2	120 272 274 291	20 3541
6080	9.1	35 42.65	2.5353	0.0027	21 59 37.6	2.121	0.369	80.9	126 268	22 3187
6081	7.9	17 35 44.04	+2.5271	+0.0027	+22 17 43.8	−2.119	+0.367	80.5	121 125	22 3186
6082	6.2	35 57.44	2.4642	0.0027	24 34 35.7	2.100	0.358	80.4	108 110	24 3225
6083	8.9	36 1.27	2.4653	0.0027	24 32 1.4	2.094	0.359	80.4	108 110	24 3226
6084	8.8	36 1.49	2.5234	0.0027	22 25 45.6	2.094	0.367	81.4	254 276	22 3189
6085	8.4	36 18.74	2.5211	0.0027	22 30 40.2	2.069	0.367	80.5	121 125	22 3190
6086	6.3	17 36 29.05	+2.5465	+0.0027	+21 34 7.5	−2.054	+0.370	81.0	126 281	21 3188
6087	7.3	36 35.23	2.4623	0.0026	24 38 12.7	2.045	0.358	81.4	261 265	24 3228
6088	8.5	36 35.44	2.5566	0.0027	21 11 30.9	2.045	0.372	81.4	254 276	21 3189
6089	8.5	36 36.70	2.5619	0.0027	20 59 31.7	2.043	0.373	81.4	272 274	21 3190
6090	7.2	36 38.95	2.4852	0.0026	23 48 59.9	2.040	0.361	81.4	261 265	23 3160
6091	8.7	17 36 41.92	+2.5479	+0.0026	+21 30 58.6	−2.035	+0.371	81.5	275 279	21 3191
6092	7.9	36 43.11	2.5822	0.0027	20 13 36.9	2.034	0.375	80.5	115 120	20 3546
6093	9.0	36 43.14	2.5454	0.0026	21 36 34.3	2.034	0.370	81.4	268	[21 3192]
6094	8.7	36 47.95	2.5587	0.0026	21 6 38.0	2.027	0.372	81.5	275 279	21 3193
6095	9.0	36 55.50	2.5776	0.0027	20 23 49.3	2.016	0.375	81.5	275 278 291	20 3547
6096	8.9	17 37 0.51	+2.5133	+0.0026	+22 47 23.7	−2.008	+0.365	81.4	254 276	22 3191
6097	8.8	37 6.64	2.5156	0.0026	22 42 19.8	2.000	0.366	80.8	121 125 291	22 3194
6098	8.3	37 9.30	2.4929	0.0026	23 31 57.4	1.996	0.363	81.5	279 281	23 3162
6099	8.8	37 12.45	2.4658	0.0026	24 30 21.7	1.991	0.359	80.4	108 110	24 3229
6100	5.9	37 20.84	2.4623	0.0026	24 37 41.5	1.979	0.358	81.4	261 265 291	24 3231

[1] Dupl. pr. med. seq. [2] Dupl. 3"-4" maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6101	8.6	17h 37m 58s.30	+2s.4685	+0s.0026	+24° 24′ 3″.1	−1″.925	+0″.359	81.4	272 274	24° 3233
6102	7.7	37 58.68	2.5430	0.0026	21 41 19.2	1.924	0.370	81.0	126 268	21 3198
6103	9.0	38 0.88	2.5687	0.0026	20 43 25.1	1.921	0.374	80.5	115 120	20 3554
6104	8.2	38 3.89	2.4560	0.0026	24 50 45.3	1.916	0.357	81.4	261 265	24 3235
6105	8.9	38 4.02	2.5114	0.0026	22 51 6.5	1.916	0.365	80.5	121 125	22 3197
6106	8.4	17 38 8.01	+2.5421	+0.0026	+21 43 13.8	−1.910	+0.370	80.9	126 268	21 3200
6107	5.4	38 13.77	2.4690	0.0026	24 23 0.8	1.902	0.359	80.4	108 110	24 3237
6108	8.2	38 24.19	2.5163	0.0026	22 40 11.2	1.887	0.366	81.4	254 276	22 3199
6109	8.7	38 28.98	2.4919	0.0026	23 33 28.7	1.880	0.363	81.4	272 274	23 3165
6110	8.6	38 38.93	2.5862	0.0026	20 3 36.8	1.866	0.376	81.0	115 281	20 3557
6111	8.8	17 38 44.17	+2.4758	+0.0026	+24 8 2.7	−1.858	+0.360	80.4	108 110	24 3240
6112	9.0	38 45.44	2.4585	0.0026	24 45 6.4	1.856	0.358	81.5	281 282 291 292	} 24 3241
6113	9.3	38 46.93	2.4587	0.0026	24 44 33.4	1.854	0.358	81.6	282 292	
6114	8.5	38 55.94	2.5369	0.0026	21 54 19.0	1.841	0.369	81.4	254 276	21 3203
6115	8.6	39 37.97	2.4496	0.0026	25 3 34.6	1.780	0.357	81.4	261 265	25 3333
6116	8.8	17 39 44.10	+2.4926	+0.0026	+23 31 16.3	−1.771	+0.363	81.5	279 281	23 3172
6117	9.0	39 54.53	2.5875	0.0026	20 0 3.2	1.756	0.377	80.5	120	19 3420
6118	8.7	40 12.37	2.5238	0.0026	22 22 41.3	1.730	0.367	80.8	121 125 286	22 3205
6119	8.8	40 14.67	2.4576	0.0026	24 46 15.0	1.727	0.358	81.5	279 281 291	24 3249
6120	9.1	40 14.73	2.4551	0.0026	24 51 28.3	1.726	0.358	81.4	261 265	24 3248
6121	7.9	17 40 37.73	+2.5357	+0.0026	+21 56 19.4	−1.693	+0.369	81.4	254 276	21 3208
6122	8.7	40 38.87	2.5358	0.0026	21 56 0.2	1.691	0.369	81.4	254 276	21 3209
6123	8.2	40 45.08	2.5266	0.0026	22 16 20.0	1.682	0.368	81.5	275 278	22 3207
6124	8.4	40 45.48	2.5206	0.0026	22 29 37.8	1.682	0.367	81.5	275 278	22 3208
6125	8.6	41 11.90	2.5408	0.0026	21 44 36.1	1.643	0.370	81.4	254 276	21 3212
6126	8.9	17 41 15.63	+2.4894	+0.0025	+23 37 29.9	−1.638	+0.363	81.5	279 281 286	23 3178
6127	8.8	41 23.01	2.5457	0.0025	21 33 36.2	1.627	0.371	81.5	275 278	21 3213
6128	8.8	41 36.15	2.4535	0.0025	24 54 13.7	1.608	0.357	81.4	261 265	24 3252
6129	8.4	41 46.31	2.4682	0.0025	24 23 0.6	1.593	0.359	81.5	279 282 292	24 3253
6130	9.0	42 4.60	2.5140	0.0025	22 43 34.0	1.567	0.366	81.4	254 276	22 3211
6131	8.6	17 42 10.91	+2.5113	+0.0025	+22 49 23.0	−1.558	+0.366	81.0	125 286	22 3212
6132	7.8	42 16.15	2.4706	0.0025	24 17 30.8	1.550	0.360	81.4	261 265	24 3254
6133	9.0	42 31.86	2.5563	0.0025	21 9 22.7	1.527	0.372	81.4	268 279	21 3219
6134	9.0	42 35.53	2.5753	0.0025	20 26 37.2	1.522	0.375	81.5	279 281	20 3567
6135	9.0	42 38.65	2.4536	0.0025	24 53 43.8	1.517	0.357	80.5	112 122	24 3255
6136	8.7	17 42 41.59	+2.5615	+0.0025	+20 57 50.4	−1.513	+0.373	81.5	275 278	20 3568
6137	6.2	43 3.03	2.5709	0.0025	20 36 29.9	1.482	0.375	80.6	133 135	20 3570
6138	9.2	43 9.26	2.5615	0.0025	20 57 30.5	1.473	0.373	81.5	275 278 286	20 3571
6139	8.3	43 19.29	2.5571	0.0025	21 7 20.3	1.458	0.373	80.9	126 268	21 3222
6140	8.0	43 22.69	2.4871	0.0025	23 41 39.4	1.453	0.362	81.4	254 276	23 3186
6141	9.2	17 43 29.30	+2.4482	+0.0025	+25 4 43.4	−1.444	+0.357	80.4	108 110 112 122	25 3351
6142	8.9	43 29.63	2.4993	0.0025	23 15 8.5	1.443	0.364	81.4	261 265	23 3187
6143	8.6	43 35.29	2.5058	0.0025	23 0 57.8	1.435	0.365	81.5	278 281	23 3188
6144	9.1	43 44.61	2.5819	0.0025	20 11 20.4	1.421	0.376	80.5	115 120	20 3574
6145	8.3	43 49.25	2.5806	0.0025	20 14 12.5	1.415	0.376	80.5	115 120	20 3575
6146	8.8	17 44 0.32	+2.5500	+0.0025	+21 23 1.9	−1.398	+0.372	81.0	126 286	21 3226
6147	8.1	44 10.19	2.4724	0.0025	24 12 58.0	1.384	0.360	80.4	108 110	24 3263
6148	8.3	44 13.08	2.5688	0.0025	20 40 38.9	1.380	0.374	80.5	127 128	20 3578
6149	8.4	44 19.84	2.4952	0.0025	23 23 38.9	1.370	0.364	81.4	254 276	23 3190
6150	8.0	44 22.06	2.5612	0.0025	20 57 43.5	1.367	0.373	80.5	127 128	20 3579

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6151	8.6	17^h 44^m 30^s.40	+2^s.5489	+0^s.0025	+21° 25′ 16″.0	−1″.355	+0″.372	80.6	133 135	21° 3228
6152	7.9	44 36.32	2.5626	0.0025	20 54 33.8	1.346	0.373	80.5	115 120	20 3580
6153	8.9	44 37.30	2.4969	0.0025	23 19 56.5	1.345	0.364	81.5	275 278	23 3192
6154	9.1	44 40.15	2.4920	0.0025	23 30 29.3	1.340	0.363	81.4	261 265	23 3193
6155	8.6	44 42.73	2.5271	0.0025	22 13 39.8	1.337	0.368	81.0	125 286	22 3222
6156	8.9	17 44 46.00	+2.5105	+0.0025	+22 50 2.1	−1.332	+0.366	81.5	279 281	22 3224
6157	7.2	44 53.07	2.4641	0.0025	24 30 22.0	1.322	0.359	80.4	108 110	24 3264
6158	8.8	44 57.16	2.5731	0.0025	20 30 44.8	1.316	0.375	80.9	126 268	20 3582
6159	9.1	45 17.37	2.4468	0.0025	25 7 4.0	1.286	0.357	80.5	112 122	25 3358
6160	7.5	45 20.91	2.4978	0.0025	23 17 34.4	1.281	0.364	81.5	5 Beob.[1]	23 3194
6161	8.3	17 45 27.65	+2.5274	+0.0025	+22 12 47.4	−1.271	+0.368	81.0	125 281	22 3226
6162	6.5	45 32.65	2.5236	0.0025	22 21 9.4	1.264	0.368	80.6	121 125 133 135	22 3227
6163	8.5	46 2.93	2.5558	0.0024	21 9 17.7	1.220	0.373	80.9	126 268	21 3232
6164	8.5	46 25.29	2.4581	0.0024	24 42 36.0	1.187	0.358	80.4	108 110	24 3270
6165	8.6	46 26.01	2.5114	0.0024	22 47 42.0	1.186	0.366	81.0	125 281	22 3230
6166	9.0	17 46 27.87	+2.5638	+0.0024	+20 51 18.9	−1.184	+0.374	80.5	115 120	20 3585
6167	8.6	46 29.22	2.5627	0.0024	20 53 45.3	1.182	0.374	80.5	115 120	20 3586
6168	8.9	46 32.09	2.5757	0.0024	20 24 23.5	1.178	0.376	80.5	127 128	20 3587
6169	8.8	46 34.08	2.4462	0.0024	25 7 45.7	1.175	0.357	80.4	108 110	25 3360
6170	7.1	46 53.84	2.4685	0.0024	24 20 12.4	1.146	0.360	80.8	112 122 279	24 3271
6171	8.2	17 46 58.00	+2.4960	+0.0024	+23 21 7.0	−1.140	+0.364	81.4	254 276	23 3200
6172	8.9	47 6.88	2.5678	0.0024	20 42 13.0	1.127	0.374	80.9	126 268	20 3590
6173	7.0	47 17.67	2.4491	0.0024	25 1 25.2	1.111	0.357	80.4	108 110	25 3364
6174	8.7	47 18.62	2.4541	0.0024	24 50 50.6	1.110	0.358	80.5	112 122	24 3274
6175	8.8	47 27.94	2.5746	0.0024	20 26 35.3	1.096	0.375	80.5	127 128	20 3591
6176	9.0	17 47 32.40	+2.5444	+0.0024	+21 34 17.9	−1.090	+0.371	80.6	133 135	21 3239
6177	8.6	47 39.75	2.4833	0.0024	23 48 19.8	1.079	0.362	81.4	254 276	23 3202
6178	9.0	48 7.49	2.4982	0.0024	23 15 57.2	1.039	0.364	81.4	254 276	23 3205
6179	8.5	48 10.35	2.5574	0.0024	21 5 13.6	1.034	0.373	80.9	126 135 268	21 3243
6180	8.6	48 11.64	2.5503	0.0024	21 21 3.9	1.033	0.372	80.5	127 128	21 3245
6181	7.7	17 48 12.95	+2.4490	+0.0024	+25 1 15.2	−1.031	+0.357	80.4	108 110	25 3368
6182	8.5	48 21.49	2.5055	0.0024	22 59 51.7	1.018	0.365	81.3	6 Beob.[2]	22 3233
6183	9.1	48 23.39	2.5049	0.0024	23 1 19.2	1.015	0.365	81.5	279 281 289	23 3206
6184	8.6	48 24.86	2.5014	0.0024	23 8 56.5	1.013	0.365	81.4	261 265 291	23 3207
6185	7.8	48 28.95	2.4552	0.0024	24 48 13.5	1.007	0.358	80.5	112 122	24 3275
6186	8.9	17 48 41.46	+2.5812	+0.0024	+20 11 27.7	−0.989	+0.376	80.5	115 120	20 3598
6187	9.0	48 42.95	2.5778	0.0024	20 19 6.9	0.987	0.376	80.5	115 120	20 3599
6188	8.6	49 2.09	2.5583	0.0024	21 2 54.1	0.959	0.373	80.7	5 Beob.[3]	21 3246
6189	8.3	49 19.15	2.4983	0.0024	23 15 26.9	0.934	0.364	81.5	254 276 291	23 3213
6190	9.0	49 20.14	2.5751	0.0024	20 24 59.6	0.933	0.376	80.8	115 120 291	20 3602
6191	9.0	17 49 24.23	+2.5591	+0.0024	+21 1 3.6	−0.927	+0.373	80.6	127 133	21 3247
6192	8.4	49 25.58	2.4694	0.0024	24 17 43.4	0.925	0.360	80.8	112 122 279	24 3276
6193	8.8	49 40.80	2.4474	0.0024	25 4 24.9	0.903	0.357	80.4	108 110	25 3375
6194	9.1[4]	49 41.65	2.4831	0.0024	23 48 9.3	0.901	0.362	81.4	254 276 279	23 3214
6195	9.0	49 43.79	2.5520	0.0024	21 16 51.9	0.898	0.372	80.5	127 128	21 3248
6196	8.0	17 49 46.46	+2.5425	+0.0024	+21 38 2.1	−0.895	+0.371	80.6	133 135	21 3249
6197	8.6	49 59.43	2.4704	0.0024	24 15 16.3	0.876	0.360	80.5	112 122	24 3277
6198	8.2	50 7.48	2.5841	0.0023	20 4 27.4	0.864	0.377	80.5	115 120	20 3606
6199	7.7	50 30.33	2.4801	0.0023	23 54 19.6	0.831	0.362	81.4	254 276	23 3216
6200	8.1	50 30.40	2.4450	0.0024	25 9 10.3	0.830	0.357	80.4	108 110	25 3381

[1] Z. 254 275 276 278 286   [2] Z. 125 261 265 279 281 289   [3] Z. 126 128 133 135 268   [4] Maj. bor.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6201	8.6	17h 50m 33.99s	+2.4639s	+0.0024s	+24° 29' 9.7"	−0.825"	+0.359"	80.5	112 122	24° 3278
6202	5.3	50 35.78	2.5193	0.0023	22 29 4.5	0.823	0.368	80.8	121 125 281	22 3237
6203	8.3	50 50.62	2.5457	0.0023	21 30 44.6	0.801	0.371	80.9	126 268	21 3253
6204	8.5	50 59.71	2.4490	0.0024	25 0 39.3	0.788	0.357	81.4	261 265	25 3385
6205	8.6	51 4.99	2.4848	0.0023	23 44 13.0	0.780	0.363	81.4	261 265	23 3220
6206	8.7	17 51 9.62	+2.5568	+0.0023	+21 5 46.6	−0.773	+0.373	80.6	133 135	21 3256
6207	9.0	51 13.27	2.5594	0.0023	20 59 58.9	0.768	0.373	81.5	275 278	21 3257
6208	9.0	51 35.68	2.4689	0.0023	24 18 7.6	0.735	0.360	81.4	261 265 293	24 3281
6209	9.1	51 50.88	2.5728	0.0023	20 29 44.5	0.713	0.375	81.1	127 128 380	20 3611
6210	7.5	51 53.35	2.5685	0.0023	20 39 22.2	0.710	0.375	80.5	127 128	20 3613
6211	8.9	17 51 53.55	+2.5647	+0.0023	+20 48 2.3	−0.709	+0.374	81.5	275 278	20 3612
6212	8.1	51 55.93	2.5501	0.0023	21 20 43.3	0.706	0.372	81.5	279 281	21 3260
6213	8.6	51 59.13	2.5113	0.0023	22 46 29.2	0.701	0.366	81.0	125 286	22 3240
6214	7.0	52 4.68	2.4771	0.0023	24 0 34.9	0.693	0.361	81.6	282 291 292	24 3283
6215	8.7	52 14.45	2.4737	0.0023	24 7 44.1	0.679	0.361	81.6	282 291 292	24 3284
6216	8.8	17 52 15.22	+2.5403	+0.0023	+21 42 31.1	−0.678	+0.371	81.6	289 293	21 3266
6217	7.7	52 24.11	2.5764	0.0023	20 21 37.2	0.665	0.376	80.5	127 128	20 3617
6218	7.8	52 46.21	2.5503	0.0023	21 20 13.4	0.633	0.372	81.5	279 281	21 3269
6219	8.7	52 56.29	2.4616	0.0023	24 33 26.9	0.618	0.359	81.7	261 265 380	24 3285
6220	8.7	53 1.09	2.5115	0.0023	22 45 54.8	0.611	0.366	81.5	286 291	22 3244
6221	8.9	17 53 3.12	+2.4805	+0.0023	+23 53 3.7	−0.608	+0.362	81.6	282 292	23 3231
6222	8.9	53 5.54	2.5548	0.0023	21 10 4.6	0.604	0.373	81.5	279 281	21 3270
6223	8.7	53 18.58	2.5726	0.0023	20 30 3.9	0.585	0.375	81.6	289 293	20 3619
6224	9.1	53 22.37	2.5280	0.0023	22 9 33.6	0.580	0.369	81.5	279 281	22 3245
6225	8.7	53 26.53	2.5739	0.0023	20 27 3.0	0.574	0.376	80.5	127 128	20 3621
6226	8.1	17 53 33.21	+2.4484	+0.0023	+25 1 20.5	−0.564	+0.357	81.4	261 265	25 3396
6227	7.8	53 52.88	2.4817	0.0023	23 50 22.7	0.535	0.362	81.6	282 292	23 3233
6228	8.2	53 55.28	2.5734	0.0023	20 28 2.9	0.532	0.375	81.0	127 128 289 293	20 3626
6229	8.3	54 23.75	2.5301	0.0023	22 4 46.9	0.490	0.369	81.4	268 279	22 3250
6230	8.4	54 30.94	2.4697	0.0023	24 15 54.7	0.480	0.360	81.4	261 265	24 3294
6231	9.0	17 54 31.86	+2.5102	+0.0023	+22 48 21.9	−0.479	+0.366	80.5	121 125	22 3252
6232	9.2	54 36.50	2.4485	0.0023	25 1 0.1	0.472	0.357	81.6	286 292	— —
6233	8.7	54 38.99	2.5596	0.0023	20 59 5.4	0.468	0.373	80.6	133 135	20 3631
6234	9.0	54 40.84	2.5615	0.0023	20 54 50.4	0.465	0.374	80.9	115 126 287	20 3632
6235	9.1	54 43.25	2.4905	0.0023	23 31 17.3	0.462	0.363	81.5	279 281	23 3236
6236	7.9	17 54 45.57	+2.5658	+0.0022	+20 45 4.9	−0.459	+0.374	80.5	127 128	20 3633
6237	9.1	54 46.67	2.4489	0.0023	25 0 9.8	0.457	0.357	81.0	112 122 282 291	25 3399
6238	8.6	54 52.44	2.4541	0.0023	24 49 6.7	0.449	0.358	81.6	282 292	24 3298
6239	9.0	54 58.24	2.5236	0.0022	22 18 58.4	0.440	0.368	81.5	275 278	22 3254
6240	8.5	55 0.54	2.5224	0.0022	22 21 42.2	0.437	0.368	81.5	286 291	[22 3255]
6241	8.6	17 55 1.12	+2.5349	+0.0022	+21 54 8.9	−0.436	+0.370	81.6	287 295	21 3274
6242	9.4	55 5.09	2.5538	0.0022	21 12 1.0	0.430	0.373	81.5	268 289 293	21 3276
6243	9.3	55 12.90	2.5706	0.0022	20 34 20.4	0.419	0.375	81.5	275 278	20 3635
6244	8.5	55 33.89	2.5006	0.0022	23 9 13.9	0.388	0.365	81.6	282 292	23 3239
6245	9.3	55 34.62	2.4513	0.0023	24 54 55.5	0.387	0.358	80.8	112 122 286	24 3302
6246	8.4	17 55 47.70	+2.4730	+0.0022	+24 8 42.5	−0.368	+0.361	81.4	261 265	24 3304
6247	8.4	55 52.56	2.5607	0.0022	20 56 32.7	0.361	0.373	80.8	115 120 295	20 3637
6248	9.2	55 54.96	2.5515	0.0022	21 17 1.1	0.357	0.372	80.5	127 128	21 4277
6249	8.8	55 55.12	2.5403	0.0022	21 41 56.5	0.357	0.371	81.5	275 278 287	21 3278
6250	9.1	55 57.57	2.5609	0.0022	20 56 2.0	0.354	0.374	80.9	115 120 293 295	20 3638

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6251	9.0	17h 56m 2.85s	+2.4517s	+0.0022s	+24° 54' 2.1"	−0.346"	+0.358"	81.6	298	[24° 3305]
6252	7.8	56 11.49	2.5110	0.0022	22 46 37.0	0.333	0.366	80.5	121 125	22 3256
6253	5.2[1]	56 11.84	2.5430	0.0022	21 35 50.6	0.333	0.371	80.9	133 135 298	21 3280
6254	5.2[2]	56 12.32	2.5430	0.0022	21 35 51.4	0.332	0.371	80.9	133 135 298	
6255	7.1	56 20.50	2.4700	0.0022	24 15 12.3	0.320	0.360	81.4	261 265	24 3307
6256	8.9	17 56 27.18	+2.5511	+0.0022	+21 17 48.6	−0.310	+0.372	80.9	126 268	21 3281
6257	7.9	56 28.27	2.4498	0.0022	24 58 8.9	0.309	0.357	80.5	112 122	24 3308
6258	8.5	56 28.91	2.4789	0.0022	23 56 1.2	0.308	0.362	81.6	282 292	23 3244
6259	8.3	56 29.21	2.5818	0.0022	20 8 50.7	0.307	0.377	81.5	275 278	20 3642
6260	8.7	56 30.54	2.5242	0.0022	22 17 25.6	0.305	0.368	81.5	279 281	22 3257
6261	8.3	17 56 31.39	+2.5038	+0.0022	+23 2 17.3	−0.304	+0.365	81.5	286 291	23 3245
6262	7.4	56 44.27	2.5259	0.0022	22 13 51.9	0.285	0.368	81.8	279 281 380	22 3258
6263	7.5	56 45.04	2.5197	0.0022	22 27 24.1	0.284	0.368	80.5	121 125	22 3259
6264	9.1	56 45.48	2.5717	0.0022	20 31 34.1	0.284	0.375	80.8	127 128 291	20 3645
6265	9.3	56 47.79	2.5711	0.0022	20 32 56.9	0.280	0.375	81.6	287 295	— —
6266	8.4	17 56 49.90	+2.5598	+0.0022	+20 58 25.2	−0.277	+0.373	80.6	120 133 135	20 3646
6267	8.6	56 54.39	2.5608	0.0022	20 56 14.7	0.271	0.373	81.0	115 289	20 3647
6268	8.9	56 57.19	2.4485	0.0022	25 0 51.3	0.267	0.357	81.4	261 265	25 3410
6269	8.4	56 58.89	2.5354	0.0022	21 52 44.9	0.264	0.370	81.6	289 293	21 3285
6270	4.5	57 2.47	2.5635	0.0022	20 50 4.5	0.259	0.374	80.9	126 268	20 3649
6271	8.9	17 57 3.63	+2.5678	+0.0022	+20 40 18.2	−0.257	+0.375	81.6	289' 293	20 3648
6272	5.8	57 16.65	2.5069	0.0022	22 55 25.1	0.238	0.365	81.5	279 281	22 3260
6273	8.3	57 22.94	2.4490	0.0022	24 59 38.7	0.229	0.357	80.5	112 122	24 3311
6274	8.1	57 38.28	2.5650	0.0022	20 46 36.4	0.207	0.374	80.6	133 135	20 3650
6275	9.0	57 50.38	2.5833	0.0022	20 5 20.1	0.189	0.377	80.5	127 128	20 3651
6276	8.9	17 57 57.37	+2.4700	+0.0022	+24 15 7.0	−0.179	+0.360	81.4	261 265	24 3315
6277	8.5	58 8.71	2.4823	0.0022	23 48 35.1	0.162	0.362	81.5	279 281	23 3251
6278	8.5	58 40.47	2.4515	0.0022	24 54 19.0	0.116	0.358	80.5	112 122	24 3318
6279	9.1	59 1.06	2.4827	0.0022	23 47 38.7	0.086	0.362	81.4	261 265 298	23 3252
6280	7.9	59 2.02	2.4925	0.0022	23 26 32.3	0.085	0.364	81.5	275 278 286	23 3253
6281	8.5	17 59 16.48	+2.5393	+0.0021	+21 44 1.1	−0.063	+0.370	81.5	268 289 293	21 3292
6282	9.0	59 17.97	2.5620	0.0021	20 53 27.7	0.061	0.374	80.5	115 120	20 3653
6283	5.8	59 30.13	2.4787	0.0022	23 56 16.4	0.044	0.361	81.5	279 281	23 3254
6284	8.3	59 34.89	2.4803	0.0022	23 52 51.3	0.037	0.362	81.5	279 281	23 3255
6285	8.9	59 37.06	2.4543	0.0022	24 48 28.5	0.033	0.358	81.6	282 292	24 3321
6286	8.4	17 59 41.42	+2.5474	+0.0021	+21 26 6.9	−0.027	+0.372	80.9	126 268	21 3296
6287	8.6	59 41.59	2.5841	0.0021	20 3 29.8	0.027	0.377	80.5	127 128	20 3657
6288	9.1	59 43.67	2.5691	0.0021	20 37 23.3	0.024	0.375	80.5	115 120	20 3658
6289	7.7	59 48.33	2.5073	0.0021	22 54 25.2	0.017	0.366	80.5	121 125	22 3267
6290	8.6	18 0 5.16	2.4786	0.0022	23 56 28.7	+0.008	0.361	81.5	279 282 292	23 3256
6291	8.1	18 0 7.02	+2.4847	+0.0022	+23 43 21.8	+0.010	+0.362	81.5	286 291	23 3257
6292	7.1	0 12.18	2.5419	0.0021	21 38 15.8	0.018	0.371	80.6	133 135	21 3300
6293	8.0	0 22.95	2.5478	0.0021	21 25 0.9	0.033	0.372	80.6	133 135	21 3301
6294	7.3	0 26.67	2.5654	0.0021	20 45 41.9	0.039	0.374	81.5	275 278	20 3659
6295	7.6	0 31.40	2.5473	0.0021	21 26 14.6	0.046	0.372	80.6	133 135	21 3302
6296	9.0	18 0 36.45	+2.4555	+0.0021	+24 45 47.4	+0.053	+0.358	81.6	282 292	24 3323
6297	8.0	0 40.46	2.5009	0.0021	23 8 19.6	0.059	0.365	81.6	289 293	23 3260
6298	6.0	0 46.09	2.5264	0.0021	22 12 30.4	0.067	0.368	81.6	287 295	22 3273
6299	8.5	0 47.42	2.5302	0.0021	22 4 14.2	0.069	0.369	81.6	287 289 293 295	22 3274
6300	8.8	0 48.59	2.5765	0.0021	20 20 46.6	0.071	0.376	81.5	275 278	20 3661

[1] Roth [2] Blau

Nr.	Gr.	A.R. 1875			Praec.	Var. saec.	Decl. 1875			Praec.	Var. saec.	Ep.	Zonen	B.D.
6301	8.2	18h	0m	58.55s	+2.4773s	+0.0021s	+23°	59'	24.9"	+0.085"	+0.361"	81.5	286 291	23° 3262
6302	7.0		1	8.74	2.4657	0.0021	24	24	9.1	0.100	0.360	81.6	282 292	24 3327
6303	8.7		1	13.77	2.5770	0.0021	20	19	37.5	0.108	0.376	81.5	275 278	20 3664
6304	8.3		1	28.93	2.5590	0.0021	21	0	4.2	0.130	0.373	80.6	133 135	21 3307
6305	7.7		1	41.71	2.4687	0.0021	24	17	53.5	0.148	0.360	81.5	286 291	24 3329
6306	8.1	18	1	44.55	+2.5385	+0.0021	+21	45	45.7	+0.152	+0.370	81.6	287 295	21 3308
6307	8.3		1	46.71	2.5207	0.0021	22	25	3.5	0.156	0.367	81.5	275 278	22 3280
6308	7.4		1	51.91	2.4940	0.0021	23	23	21.7	0.163	0.364	81.9	298 299a 380	23 3265
6309	9.0		2	9.48	2.5091	0.0021	22	50	27.9	0.189	0.366	81.6	287 295	22 3281
6310	8.6		2	27.44	2.4668	0.0021	24	21	49.6	0.215	0.360	81.6	282 292	24 3335
6311	8.4	18	2	39.75	+2.5217	+0.0021	+22	22	55.8	+0.233	+0.368	81.5	275 278	22 3282
6312	8.7		2	44.14	2.5243	0.0021	22	17	10.8	0.239	0.368	80.6	133 135	22 3283
6313	8.7		2	49.92	2.4814	0.0021	23	50	37.4	0.248	0.362	81.5	286 291	23 3268
6314	9.1[1]		2	56.89	2.4892	0.0021	23	33	51.1	0.258	0.363	81.6	289 293	23 3269
6315	8.6		3	5.53	2.4819	0.0021	23	49	40.6	0.271	0.362	81.5	286 291	23 3270
6316	8.9	18	3	10.88	+2.4725	+0.0021	+24	9	41.8	+0.278	+0.360	81.6	282 292	24 3337
6317	8.4		3	19.30	2.5018	0.0021	23	6	30.8	0.291	0.365	81.5	275 278	23 3271
6318	5.5		3	24.80	2.5645	0.0020	20	47	45.6	0.299	0.374	80.5	127 128	20 3674
6319	6.1		3	29.55	2.5850	0.0020	20	1	37.2	0.306	0.377	80.5	114 129	20 3675
6320	8.5		3	38.46	2.5328	0.0020	21	58	27.6	0.319	0.369	80.6	133 135	21 3319
6321	7.3	18	3	46.54	+2.4504	+0.0021	+24	56	51.5	+0.330	+0.357	80.8	112 122 286	24 3342
6322	7.7		3	48.67	2.4733	0.0021	24	8	9.8	0.333	0.360	81.5	279 282 292	24 3340
6323	9.0		3	48.92	2.4891	0.0021	23	34	3.5	0.334	0.363	81.6	289 293	23 3272
6324	8.1		3	49.02	2.4614	0.0021	24	33	26.9	0.334	0.359	81.5	291	24 3341
6325	9.3		3	54.41	2.5008	0.0021	23	8	49.7	0.342	0.365	81.6	278 299a	23 3273
6326	9.0	18	3	55.41	+2.5069	+0.0021	+22	55	27.6	+0.343	+0.365	81.6	287 295	22 3286
6327	8.6		3	56.70	2.4553	0.0021	24	46	26.2	0.345	0.358	81.6	282 291 292	24 3343
6328	9.2		4	0.00	2.4499	0.0021	24	57	55.1	0.350	0.357	81.0	112 286	24 3344
6329	8.2		4	6.74	2.4730	0.0021	24	8	51.6	0.360	0.360	81.5	279 281 298	24 3346
6330	8.6		4	11.42	2.5561	0.0020	21	6	45.6	0.367	0.373	80.5	118 124	21 3323
6331	8.8	18	4	12.81	+2.4646	+0.0021	+24	26	49.1	+0.369	+0.359	81.9	298 299a 380	24 3347
6332	8.2		4	23.15	2.5055	0.0020	22	58	33.1	0.384	0.365	81.5	275 278	22 3290
6333	8.4		4	26.67	2.5504	0.0020	21	19	38.9	0.389	0.372	80.5	127 128	21 3325
6334	9.0		4	27.46	2.5318	0.0020	22	0	50.9	0.390	0.369	80.6	133 135	22 3291
6335	8.5		4	46.18	2.4730	0.0021	24	8	46.5	0.417	0.360	81.5	279 281	24 3351
6336	9.0	18	4	59.44	+2.5779	+0.0020	+20	17	40.4	+0.437	+0.376	80.5	114 129	20 3681
6337	8.5		5	7.00	2.4552	0.0021	24	46	44.7	0.448	0.358	81.6	282 292	24 3352
6338	8.5		5	9.79	2.4463	0.0021	25	5	31.8	0.452	0.356	80.5	112 122	25 3443
6339	9.2		5	12.59	2.4526	0.0021	24	52	13.4	0.456	0.357	81.5	286 291	24 3353
6340	8.0		5	17.36	2.5591	0.0020	21	0	12.8	0.463	0.373	80.5	118 124	21 3328
6341	8.7	18	5	25.04	+2.5690	+0.0020	+20	37	51.9	+0.474	+0.374	80.5	114 129	20 3685
6342	8.3		5	30.65	2.5084	0.0020	22	52	18.0	0.482	0.366	81.2	132 275 278	22 3295
6343	9.1		6	4.98	2.5612	0.0020	20	55	33.3	0.532	0.373	80.5	127 128	20 3690
6344	8.8		6	8.60	2.5575	0.0020	21	3	45.5	0.537	0.373	80.5	118 124	21 3336
6345	8.5		6	9.66	2.4501	0.0020	24	57	48.7	0.539	0.357	80.5	112 122	24 3355
6346	9.2	18	6	15.56	+2.5771	+0.0020	+20	19	50.6	+0.548	+0.376	80.5	114 127 128 129	20 3692
6347	8.5		6	28.69	2.5165	0.0020	22	34	49.1	0.567	0.367	80.6	132 137	22 3300
6348	8.4		7	7.61	2.5404	0.0020	21	42	10.5	0.624	0.370	80.5	118 124	21 3344
6349	7.5		7	23.76	2.4655	0.0020	24	25	16.1	0.647	0.359	80.8	112 122 291	24 3358
6350	8.6		7	29.34	2.4923	0.0020	23	27	42.5	0.655	0.363	81.5	275 278	23 3282

[1] Praec. austr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6351	8.6	18h 7m 35s.91	+2s.4671	+0s.0020	+24° 21′ 49″.4	+0″.665	+0″.359	80.5	112 122	24° 3361
6352	7.4	7 38.03	2.5107	0.0020	22 47 41.1	0.668	0.366	80.6	133 135	22 3303
6353	9.0	7 40.73	2.5179	0.0020	22 31 50.5	0.672	0.367	80.6	132 137	22 3304
6354	8.8	7 42.46	2.5186	0.0020	22 30 19.9	0.674	0.367	80.6	132 137	22 3305
6355	8.7	7 44.95	2.5781	0.0019	20 17 42.5	0.678	0.376	81.0	129 291	20 3699
6356	6.0	18 7 58.80	+2.5366	+0.0020	+21 50 46.2	+0.698	+0.369	80.6	133 135	21 3347
6357	8.9	8 4.99	2.4552	0.0020	24 47 21.1	0.707	0.358	81.5	279 281	24 3364
6358	8.9	8 6.21	2.5544	0.0019	21 11 1.4	0.709	0.372	80.5	118 124	21 3348
6359	8.6	8 6.74	2.5611	0.0019	20 56 0.5	0.710	0.373	80.5	127 128	20 3703
6360	9.5	8 8.18	2.5782	0.0019	20 17 32.8	0.712	0.375	80.4	114	[20 3702]
6361	7.8	18 8 36.42	+2.5796	+0.0019	+20 14 32.9	+0.753	+0.376	80.5	114 127 128 129	20 3705
6362	8.7	9 5.24	2.5482	0.0019	21 25 10.8	0.795	0.371	80.5	118 124	21 3355
6363	9.1	9 6.34	2.5482	0.0019	21 25 4.9	0.797	0.371	81.2	124 287 291	21 3356
6364	9.3	9 17.33	2.4897	0.0020	23 33 41.8	0.813	0.363	81.6	292	— —
6365	8.6	9 19.63	2.4746	0.0020	24 6 11.6	0.816	0.360	81.5	279 281	24 3368
6366	9.1	18 9 23.02	+2.4900	+0.0020	+23 33 0.1	+0.821	+0.363	81.5	282 291	} 23 3283
6367	8.9	9 25.64	2.4901	0.0020	23 32 50.0	0.825	0.363	81.5	5 Beob.[1]	}
6368	9.0	9 26.33	2.5844	0.0019	20 3 37.4	0.826	0.376	80.8	114 129 295	20 3709
6369	9.0	9 34.02	2.5239	0.0019	22 19 2.6	0.837	0.368	80.6	132 137	22 3316
6370	9.0	9 43.85	2.4572	0.0020	24 43 20.1	0.851	0.358	80.8	112 122 293	24 3369
6371	8.2	18 9 43.97	+2.5366	+0.0019	+21 51 3.7	+0.851	+0.369	80.5	118 124	21 3361
6372	9.2	9 50.23	2.4514	0.0020	24 55 47.1	0.861	0.357	80.8	112 122 298	24 3370
6373	8.3	10 6.34	2.5802	0.0019	20 13 30.6	0.884	0.376	80.5	114 129	20 3712
6374	8.0	10 22.33	2.5323	0.0019	22 0 44.5	0.907	0.369	80.6	132 137	22 3319
6375	8.5	10 33.98	2.5153	0.0019	22 38 18.7	0.924	0.366	80.6	133 135	22 3321
6376	8.6	18 10 35.83	+2.4789	+0.0019	+23 57 21.4	+0.927	+0.361	81.5	279 281	} 23 3287
6377	9.1	10 37.19	2.4790	0.0019	23 57 8.8	0.929	0.361	81.6	289 293	}
6378	9.1	10 37.66	2.5740	0.0019	20 27 36.6	0.930	0.375	80.5	127 128	20 3713
6379	7.3	10 48.91	2.5596	0.0019	20 59 54.8	0.946	0.372	80.5	118 124	20 3715
6380	9.1	10 57.90	2.5862	0.0018	19 59 58.6	0.959	0.376	80.5	114 129	20 3716
6381	8.9	18 10 59.33	+2.5748	+0.0019	+20 25 48.3	+0.961	+0.375	80.5	127 128	20 3717
6382	8.9	11 9.49	2.5740	0.0019	20 27 43.0	0.976	0.375	80.5	127 128	20 3718
6383	9.1	11 12.84	2.5113	0.0019	22 47 6.7	0.981	0.365	80.6	132 137	22 3326
6384	8.8	11 12.86	2.5116	0.0019	22 46 32.9	0.981	0.365	80.6	132 137	22 3325
6385	7.2	11 19.36	2.4956	0.0019	23 21 20.4	0.990	0.363	81.5	279 281	23 3289
6386	8.1	18 11 19.65	+2.5713	+0.0018	+20 33 49.0	+0.991	+0.374	81.5	275 278	20 3719
6387	8.8	11 24.12	2.5509	0.0019	21 19 42.0	0.997	0.371	80.6	133 135	21 3369
6388	8.4	11 47.76	2.5365	0.0019	21 51 52.6	1.032	0.369	81.5	275 278	21 3371
6389	9.1	11 51.73	2.5557	0.0018	21 9 5.9	1.038	0.372	80.5	118 124	21 3372
6390	9.0	12 5.33	2.5515	0.0018	21 18 24.0	1.057	0.371	80.6	133 135	21 3374
6391	8.5	18 12 9.03	+2.5355	+0.0019	+21 53 59.0	+1.063	+0.369	81.5	275 278	21 3375
6392	9.2	12 12.27	2.5467	0.0018	21 29 8.0	1.067	0.370	80.6	133 135	21 3376
6393	8.0	12 16.96	2.5758	0.0018	20 23 50.8	1.074	0.375	80.5	114 129	20 3723
6394	8.9	12 17.24	2.5150	0.0019	22 39 22.0	1.075	0.366	80.6	132 137	22 3328
6395	9.1	12 39.20	2.4685	0.0019	24 20 8.4	1.107	0.359	80.5	112 122	24 3375
6396	8.4	18 12 39.60	+2.5542	+0.0018	+21 12 38.2	+1.107	+0.372	80.5	118 124	21 3377
6397	8.2	12 40.57	2.5343	0.0018	21 56 59.0	1.109	0.369	80.5	127 128	21 3378
6398	6.0	12 55.16	2.4987	0.0019	23 15 0.4	1.130	0.363	81.5	275 278	23 3299
6399	7.3	13 20.65	2.4670	0.0019	24 23 32.2	1.167	0.359	80.5	112 122	24 3377
6400	8.5	13 27.15	2.4914	0.0019	23 31 12.7	1.176	0.362	81.5	275 278	23 3302

[1] Z. 275 278 279 281 282

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6401	8.2	18h 13m 32s.42	+2s.5623	+0s.0018	+20° 54′ 34″.9	+1″.184	+0″.373	80.8	114 129 291	20° 3729
6402	8.6	13 33.56	2.5684	0.0018	20 40 56.8	1.186	0.373	80.5	114 129	20 3730
6403	9.2	13 34.65	2.5577	0.0018	21 5 5.4	1.187	0.372	81.1	5 Beob.[1]	21 3381
6404	9.1	13 48.44	2.5078	0.0018	22 55 29.1	1.207	0.365	81.0	132 291	22 3333
6405	9.0	13 49.17	2.4710	0.0019	24 15 14.8	1.209	0.359	81.5	279 281	24 3379
6406	5.6	18 14 2.09	+2.4670	+0.0019	+24 23 43.4	+1.227	+0.359	80.5	112 122	24 3381
6407	8.2	14 5.61	2.4958	0.0018	23 21 44.4	1.232	0.363	81.5	275 278 289	23 3303
6408	8.7	14 23.61	2.5083	0.0018	22 54 40.5	1.259	0.365	80.6	132 137	22 3334
6409	9.1	14 30.42	2.4510	0.0019	24 57 55.7	1.269	0.356	80.5	112 122	24 3384
6410	8.8[2]	14 43.09	2.5526	0.0018	21 16 47.4	1.287	0.371	81.1	133 135 287 295	21 3386
6411	9.0	18 14 46.30	+2.5504	+0.0018	+21 21 47.6	+1.292	+0.371	80.6	133 135	21 3387
6412	8.6	14 46.63	2.4888	0.0018	23 37 6.3	1.292	0.362	81.5	279 281	23 3305
6413	8.8	14 55.39	2.5845	0.0018	20 4 57.8	1.305	0.376	80.5	114 129	20 3738
6414	7.9	14 58.16	2.5596	0.0018	21 1 12.3	1.309	0.372	80.5	118 124	21 3388
6415	8.8	15 0.42	2.5519	0.0018	21 18 29.1	1.312	0.371	80.6	133 135	21 3389
6416	4.5	18 15 0.70	+2.5357	+0.0018	+21 54 33.9	+1.313	+0.369	81.5	275 278	21 3390
6417	8.9	15 2.25	2.5781	0.0018	20 19 21.9	1.315	0.375	80.5	127 128	20 3739
6418	8.7	15 7.23	2.5638	0.0018	20 51 54.3	1.322	0.373	80.5	127 128	20 3741
6419	9.0	15 8.93	2.5033	0.0018	23 5 45.8	1.325	0.364	81.5	279 281	23 3308
6420	9.1	15 23.79	2.4713	0.0018	24 15 1.2	1.346	0.359	80.8	112 122 293	24 3387
6421	6.9	18 15 24.48	+2.5131	+0.0018	+22 44 34.2	+1.347	+0.365	81.5	279 281	22 3337
6422	9.2	15 24.99	2.5064	0.0018	22 59 13.8	1.348	0.364	80.9	132 137 293	22 3338
6423	8.7	15 42.33	2.5345	0.0018	21 57 26.6	1.373	0.368	80.6	133 135	21 3394
6424	7.4	15 45.61	2.5635	0.0017	20 52 42.3	1.378	0.372	80.5	114 129	20 3745
6425	8.7	16 12.49	2.4715	0.0018	24 14 56.0	1.417	0.359	81.6	282 291 292	24 3394
6426	8.9	18 16 12.88	+2.4796	+0.0018	+23 57 39.2	+1.418	+0.360	81.8	282 292 380	23 3310
6427	7.5	16 21.31	2.4504	0.0018	24 59 56.8	1.430	0.356	80.8	112 122 298	24 3395
6428	8.6	16 26.04	2.5524	0.0017	21 17 44.2	1.437	0.371	80.5	118 124	21 3399
6429	6.9	16 29.83	2.5483	0.0017	21 26 59.1	1.442	0.370	81.5	275 278	21 3400
6430	8.7	16 34.31	2.4821	0.0018	23 52 20.1	1.449	0.361	81.6	282 292	23 3312
6431	8.8	18 16 38.24	+2.5708	+0.0017	+20 36 27.8	+1.455	+0.373	80.5	127 128	20 3753
6432	8.0	16 41.94	2.5548	0.0017	21 12 36.2	1.460	0.371	81.6	287 295	21 3402
6433	6.2	16 55.95	2.5001	0.0018	23 13 23.7	1.480	0.363	81.5	279 289	23 3316
6434	8.9	16 56.90	2.4842	0.0018	23 47 53.4	1.482	0.361	81.6	289 293	23 3317
6435	8.7	16 59.80	2.4646	0.0018	24 30 3.0	1.486	0.358	81.6	298 299a	24 3399
6436	8.6	18 17 11.69	+2.5096	+0.0018	+22 52 48.8	+1.503	+0.364	80.6	132 137	22 3342
6437	8.5	17 12.82	2.4604	0.0018	24 39 6.5	1.505	0.357	81.5	286 291	24 3400
6438	8.5	17 21.95	2.4876	0.0018	23 40 45.3	1.518	0.361	81.6	282 292	23 3318
6439	8.7	17 22.63	2.4951	0.0018	23 24 33.9	1.519	0.362	81.6	289 293	23 3319
6440	8.7	17 26.62	2.581	0.0017	20 12 54.9	1.525	0.375	81.6	287 295	20 3756
6441	9.0	18 17 29.65	+2.4875	+0.0018	+23 41 1.0	+1.529	+0.361	81.6	282 292	23 3320
6442	8.8	17 34.72	2.5801	0.0017	20 15 47.3	1.537	0.375	81.6	287 295	20 3759
6443	7.0	17 36.10	2.5632	0.0017	20 54 7.3	1.539	0.372	81.6	298 299a	20 3760
6444	8.9	18 4.35	2.4605	0.0018	24 39 21.5	1.580	0.357	81.5	286 291	24 3403
6445	8.7	18 5.19	2.4567	0.0018	24 47 21.7	1.581	0.357	80.5	112 122	24 3404
6446	8.7	18 18 11.50	+2.4560	+0.0018	+24 48 57.2	+1.590	+0.356	80.5	112 122	24 3405
6447	8.7[3]	18 13.63	2.4958	0.0018	23 23 27.3	1.593	0.362	81.6	289 293	23 3325
6448	8.3	18 18.71	2.4689	0.0018	24 21 26.7	1.601	0.358	81.5	286 291	24 3406
6449	**4.0**	**18 22.31**	**2.5415**	**0.0017**	**21 42 51.4**	**1.606**	**0.369**		**Fund. Cat.**	**21 3411**
6450	8.5	18 29.27	2.4749	0.0018	24 8 34.5	1.616	0.359	81.5	286 291	24 3407

[1] Z. 118 124 287 293 295 [2] Dupl. (1″–2″) med. [3] Dupl. 3″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6451	7.4	18h 18m 35s.59	+2s.4896	+0s.0018	+23° 36′ 59″.6	+1″.625	+0″.361	81.6	282 292	23° 3327
6452	7.5	18 43.57	2.5771	0.0017	20 23 8.5	1.637	0.374	81.6	289 293	20 3769
6453	8.9	19 24.81	2.5580	0.0017	21 6 33.8	1.697	0.371	81.6	287 295	21 3416
6454	8.6	19 29.21	2.5326	0.0017	22 3 15.3	1.703	0.367	81.6	289 293	22 3353
6455	8.0	19 35.12	2.5574	0.0017	21 7 49.7	1.712	0.371	80.5	118 124	21 3419
6456	8.6	18 19 58.54	+2.5056	+0.0017	+23 2 44.9	+1.746	+0.363	80.5	119 131	23 3329
6457	8.8	20 10.10	2.5107	0.0017	22 51 44.8	1.763	0.364	80.6	132 137	22 3357
6458	7.9	20 12.25	2.5351	0.0017	21 57 50.7	1.766	0.368	80.6	133 135	21 3425
6459	7.6	20 13.20	2.5169	0.0017	22 38 15.6	1.767	0.365	81.6	289 293	22 3358
6460	9.1	20 28.75	2.5744	0.0016	20 29 50.3	1.790	0.373	80.5	127 128	20 3778
6461	8.8	18 20 30.93	+2.5341	+0.0017	+22 0 13.3	+1.793	+0.367	80.6	133 135	21 3426
6462	9.1	20 36.84	2.5706	0.0016	20 38 31.1	1.801	0.373	80.5	114 129	20 3780
6463	8.1	20 38.27	2.5468	0.0017	21 32 3.8	1.803	0.369	80.5	118 124	21 3427
6464	9.0	20 42.08	2.5034	0.0017	23 8 0.8	1.809	0.363	80.5	119 131	23 3331
6465	8.8	20 45.09	2.5708	0.0016	20 38 14.5	1.813	0.373	80.5	114 129	20 3783
6466	8.7	18 20 50.18	+2.5019	+0.0017	+23 11 16.6	+1.821	+0.363	81.5	286 291	23 3333
6467	8.2	20 58.51	2.5769	0.0016	20 24 22.8	1.833	0.373	80.5	127 128	20 3787
6468	8.8	21 8.61	2.5392	0.0016	21 49 21.6	1.847	0.368	81.6	287 295	21 3431
6469	8.9	21 11.94	2.4471	0.0017	25 9 16.1	1.852	0.355	80.5	112 122	25 3524
6470	8.6	21 13.50	2.5419	0.0016	21 43 15.8	1.855	0.368	81.6	287 295	21 3433
6471	9.1	18 21 14.67	+2.4562	+0.0017	+24 49 57.0	+1.856	+0.356	80.8	112 122 291	}24 3415
6472	9.2	21 17.73	2.4563	0.0017	24 49 48.6	1.861	0.356	81.5	286	
6473	8.1	21 25.68	2.4713	0.0017	24 17 51.3	1.872	0.358	81.6	282 292	24 3416
6474	8.5	21 36.84	2.5846	0.0016	20 7 12.3	1.888	0.374	81.1	129 293	20 3789
6475	9.0	21 42.50	2.5623	0.0016	20 57 50.6	1.897	0.371	80.5	127 128	20 3790
6476	9.1	18 21 43.93	+2.4679	+0.0017	+24 25 14.2	+1.899	+0.357	81.6	282 292	24 3418
6477	8.8	22 10.80	2.5179	0.0017	22 36 49.8	1.938	0.365	80.6	132 137	22 3368
6478	8.6	22 19.72	2.5419	0.0016	21 43 48.9	1.951	0.368	80.6	133 135	21 3438
6479	8.5	22 21.43	2.5512	0.0016	21 23 3.5	1.953	0.369	80.5	118 124	21 3439
6480	9.1	22 22.01	2.4547	0.0017	24 53 43.7	1.954	0.355	80.5	112 122	24 3421
6481	9.2[1]	18 22 25.45	+2.4714	+0.0017	+24 18 8.6	+1.959	+0.358	81.6	282 292 298	}24 3423
6482	9.3[1]	22 25.49	2.4714	0.0017	24 18 8.5	1.959	0.358	81.6	293	
6483	6.8	22 37.93	2.4625	0.0017	24 37 13.8	1.977	0.357	80.5	112 122	24 3425
6484	9.0	22 42.02	2.5194	0.0016	22 33 48.8	1.983	0.365	80.6	132 137	22 3373
6485	8.8	22 42.77	2.4818	0.0017	23 55 53.3	1.984	0.359	81.5	286 291	23 3341
6486	8.1	18 22 45.74	+2.4861	+0.0017	+23 46 44.6	+1.989	+0.360	81.6	282 292	23 3342
6487	9.0	22 56.10	2.5747	0.0016	20 30 24.1	2.004	0.373	80.5	114 129	20 3802
6488	9.0	23 12.11	2.5390	0.0016	21 50 40.1	2.027	0.368	80.5	118 124	21 3445
6489	8.5	23 28.83	2.5053	0.0016	23 5 11.3	2.051	0.363	80.5	119 131	23 3344
6490	9.1	23 38.04	2.5388	0.0016	21 51 22.3	2.064	0.367	80.5	118 124	21 3450
6491	8.5	18 23 46.36	+2.5074	+0.0016	+23 0 44.9	+2.076	+0.363	80.5	119 131	22 3383
6492	8.9	23 59.13	2.5422	0.0016	21 44 1.9	2.095	0.368	80.5	127 128	21 3451
6493	9.0	24 13.09	2.4916	0.0016	23 35 31.5	2.115	0.360	81.5	286 291	23 3346
6494	5.5	24 24.78	2.4863	0.0016	23 47 4.1	2.132	0.360	81.6	282 292	23 3347
6495	8.6	24 32.20	2.5628	0.0016	20 58 5.9	2.143	0.371	80.5	114 129	20 3814
6496	8.2	18 24 34.23	+2.5371	+0.0016	+21 55 44.3	+2.146	+0.367	80.5	118 124	21 3456
6497	8.9	24 35.71	2.5046	0.0016	23 7 20.3	2.148	0.362	80.5	119 131	23 3348
6498	8.6	24 37.74	2.4650	0.0017	24 33 10.2	2.151	0.357	80.5	112 122	24 3437
6499	8.8	24 39.83	2.5502	0.0016	21 26 25.3	2.154	0.369	80.6	133 135	21 3457
6500	8.9	24 41.11	2.5163	0.0016	22 41 47.0	2.156	0.364	80.6	132 137	22 3385

[1] Dupl. pr. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6501	8.0	18h 24m 58s.52	+2s.5411	+0s.0016	+21° 46′ 58″.7	+2″.181	+0″.367	80.5	127 128	21° 3459
6502	9.1	25 11.31	2.4495	0.0017	25 6 26.7	2.200	0.354	80.5	112 122	25 3545
6503	9.0	25 18.40	2.5872	0.0015	20 3 13.7	2.210	0.374	80.5	114 129	20 3820
6504	8.4	25 19.43	2.5036	0.0016	23 10 5.4	2.211	0.362	80.5	119 131	23 3350
6505	7.4	25 20.30	2.5691	0.0015	20 44 19.4	2.213	0.371	80.5	127 128	20 3821
6506	8.9	18 25 24.11	+2.4724	+0.0016	+24 17 46.1	+2.218	+0.357	81.5	286 291	24 3442
6507	9.1	25 30.36	2.5582	0.0015	21 9 4.6	2.227	0.370	80.5	118 124	21 3462
6508	8.8	25 39.71	2.5514	0.0016	21 24 19.8	2.241	0.369	80.6	133 135	21 3464
6509	7.7	25 40.46	2.5470	0.0016	21 34 12.4	2.242	0.368	80.6	133 135	21 3465
6510	9.0	25 44.38	2.5162	0.0016	22 42 44.5	2.248	0.364	80.6	132 137	22 3390
6511	8.8	18 25 49.51	+2.4872	+0.0016	+23 46 1.6	+2.255	+0.359	81.6	282 292	23 3354
6512	8.7	25 59.18	2.4667	0.0016	24 30 24.8	2.269	0.356	81.5	286 291	24 3443
6513	7.8	26 3.21	2.4507	0.0016	25 4 35.9	2.275	0.354	80.5	112 122	25 3551
6514	7.4	26 13.13	2.5113	0.0016	22 53 49.9	2.289	0.363	80.5	119 131	22 3394
6515	8.7	26 26.14	2.4540	0.0016	24 57 47.4	2.308	0.354	81.6	282 292	24 3444
6516	7.0	18 26 27.19	+2.5407	+0.0015	+21 48 53.5	+2.310	+0.367	80.5	118 124	21 3470
6517	8.7	26 27.98	2.4570	0.0016	24 51 28.0	2.311	0.355	81.5	286 291	24 3445
6518	9.0	26 41.14	2.4514	0.0016	25 3 32.3	2.330	0.354	80.5	112 122	25 3557
6519	8.6	26 41.21	2.5270	0.0016	22 19 21.0	2.330	0.365	80.6	133 135	22 3398
6520	8.0	26 56.03	2.4537	0.0016	24 58 40.3	2.351	0.354	81.6	282 292	24 3446
6521	8.8	18 26 59.46	+2.4814	+0.0016	+23 59 17.0	+2.356	+0.358	81.5	286 291	23 3361
6522	8.7	27 2.28	2.5193	0.0015	22 36 35.8	2.360	0.364	80.6	132 137	22 3402
6523	9.0	27 5.21	2.5768	0.0015	20 27 51.4	2.365	0.372	80.5	114 129	20 3830
6524	9.2	27 7.78	2.5688	0.0015	20 45 57.1	2.368	0.371	80.5	127 128	20 3831
6525	7.7	27 15.87	2.5076	0.0016	23 2 25.7	2.380	0.362	80.5	119 131	23 3362
6526	9.0	18 27 18.26	+2.5183	+0.0016	+22 38 58.7	+2.384	+0.364	80.6	132 137	22 3405
6527	8.4	27 28.14	2.5809	0.0015	20 18 49.1	2.398	0.373	80.5	114 129	20 3833
6528	6.0	27 34.13	2.4944	0.0016	23 31 30.6	2.407	0.360	81.5	286 291	23 3363
6529	9.3	27 37.08	2.5884	0.0015	20 1 46.5	2.411	0.374	80.5	114 129	[20 3834]
6530	8.2	27 38.17	2.4799	0.0016	24 2 57.9	2.412	0.358	81.6	282 292	24 3449
6531	8.1	18 27 39.42	+2.4650	+0.0016	+24 35 13.3	+2.414	+0.356	80.5	112 122	24 3450
6532	9.3	27 40.31	2.5885	0.0015	20 1 35.3	2.415	0.374	81.6	287 295	20 3835
6533	8.4	27 58.26	2.5659	0.0015	20 53 6.3	2.441	0.370	80.5	127 128	20 3837
6534	8.8	27 58.44	2.4917	0.0016	23 37 47.4	2.442	0.360	81.6	282 292	23 3366
6535	8.6	28 2.99	2.5297	0.0015	22 14 13.0	2.448	0.365	80.6	132 137	22 3406
6536	8.7	18 28 8.93	+2.5384	+0.0015	+21 55 1.6	+2.457	+0.366	80.8	118 124 293	21 3475
6537	8.9	28 15.69	2.5402	0.0015	21 51 1.3	2.467	0.367	80.6	133 135	21 3476
6538	8.9	28 24.60	2.5033	0.0015	23 12 47.8	2.480	0.361	80.8	119 131 289	23 3373
6539	8.4	28 35.97	2.5435	0.0015	21 43 58.5	2.496	0.367	80.6	133 135	21 3477
6540	8.8	28 43.60	2.5604	0.0015	21 6 4.8	2.507	0.370	80.5	118 124	21 3478
6541	7.1	18 28 56.96	+2.5798	+0.0014	+20 22 14.6	+2.526	+0.372	80.5	114 129	20 3847
6542	9.2	29 4.94	2.4497	0.0016	25 8 42.3	2.538	0.353	80.8	112 122 291	25 3571
6543	7.8	29 11.74	2.5610	0.0015	21 4 52.8	2.548	0.369	80.5	118 124	21 3481
6544	9.2	29 15.93	2.5808	0.0014	20 20 10.2	2.554	0.372	80.5	127 128	20 3848
6545	7.8	29 27.66	2.5529	0.0015	21 23 19.6	2.571	0.368	81.6	287 295	21 3483
6546	8.1	18 29 29.57	+2.5436	+0.0015	+21 44 12.2	+2.574	+0.367	80.6	133 135	21 3484
6547	8.9	29 30.93	2.4988	0.0015	23 23 21.3	2.576	0.360	80.5	119 131	23 3382
6548	8.8	29 55.15	2.5309	0.0015	22 12 48.0	2.611	0.365	80.6	132 137	22 3416
6549	9.1	29 57.57	2.5434	0.0015	21 44 57.2	2.614	0.367	80.6	133 135	21 3486
6550	8.7	29 59.35	2.5462	0.0015	21 38 40.7	2.617	0.367	81.0	118 124 287 295	21 3488

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6551	8.9	18h 29m 59s.38	+2s.5874	+0s.0014	+20° 5' 28".6	+2".617	+0".373	80.5	114 129	20° 3851
6552	8.6	30 7.06	2.4668	0.0016	24 33 3.6	2.628	0.356	81.0	112 122 289 293	24 3458
6553	8.8	30 10.22	2.5641	0.0014	20 58 29.1	2.632	0.370	80.5	127 128	20 3853
6554	8.9	30 11.36	2.5467	0.0015	21 37 51.7	2.634	0.367	81.6	287 295	21 3490
6555	8.2	30 15.56	2.4885	0.0015	23 46 14.6	2.640	0.359	81.6	282 291 292	23 3384
6556	6.0	18 30 18.27	+2.4958	+0.0015	+23 30 21.1	+2.644	+0.360	80.5	119 131	23 3385
6557	9.0	30 37.43	2.5801	0.0014	20 22 39.0	2.672	0.372	81.6	287 295	20 3856
6558	8.7	30 40.33	2.5883	0.0014	20 3 56.6	2.676	0.373	80.5	114 129	20 3857
6559	7.8	30 40.58	2.5192	0.0015	22 39 15.5	2.676	0.363	80.6	132 137	22 3418
6560	8.6	30 52.45	2.5668	0.0014	20 53 1.1	2.693	0.370	80.5	127 128	20 3858
6561	9.1	18 30 55.38	+2.4612	+0.0015	+24 45 44.5	+2.698	+0.355	80.5	112 122	24 3463
6562	8.7	30 56.14	2.4925	0.0015	23 38 9.6	2.699	0.359	81.6	282 292	23 3387
6563	8.7	30 58.13	2.5473	0.0014	21 36 59.3	2.702	0.367	80.5	118 124	21 3492
6564	8.9	31 3.98	2.5653	0.0014	20 56 22.2	2.710	0.370	80.8	127 128 293	20 3859
6565	6.8	31 19.90	2.5370	0.0015	22 0 17.8	2.733	0.365	80.6	132 137	21 3494
6566	9.1	18 31 24.07	+2.4963	+0.0015	+23 30 12.1	+2.739	+0.360	80.5	119 131	23 3392
6567	8.3	31 28.21	2.5577	0.0014	21 13 49.4	2.745	0.368	81.6	287 295	21 3495
6568	9.0	31 33.86	2.5777	0.0014	20 28 37.4	2.753	0.371	80.5	114 129	20 3863
6569	9.0	31 35.43	2.5224	0.0015	22 32 57.3	2.756	0.363	80.6	132 137	22 3421
6570	7.7	32 1.61	2.4736	0.0015	24 19 57.6	2.793	0.356	81.6	282 292	24 3469
6571	9.0	18 32 5.31	+2.5438	+0.0014	+21 45 31.9	+2.799	+0.366	80.6	133 135	21 3498
6572	9.2	32 21.18	2.4545	0.0015	25 1 1.0	2.822	0.353	81.0	112 122 286 291	25 3585
6573	8.4	32 21.44	2.5532	0.0014	21 24 39.0	2.822	0.367	80.5	118 124	21 3500
6574	8.7	32 31.90	2.5891	0.0013	20 3 20.3	2.837	0.373	80.8	114 129 291	20 3868
6575	8.6	32 31.90	2.5328	0.0014	22 10 34.7	2.837	0.365	80.6	133 135	22 3429
6576	8.5	18 32 40.94	+2.5301	+0.0014	+22 16 33.0	+2.850	+0.364	80.6	132 137	22 3432
6577	8.2	33 0.77	2.5261	0.0014	22 25 47.3	2.879	0.363	81.6	287 295	22 3434
6578	9.1	33 12.80	2.5769	0.0014	20 31 31.2	2.896	0.371	80.5	127 128	20 3876
6579	9.2	33 17.37	2.5105	0.0014	23 0 23.8	2.903	0.361	80.5	119 131	22 3435
6580	7.9	33 19.75	2.4509	0.0015	25 9 32.4	2.906	0.353	80.5	112 122	25 3590
6581	8.4	18 33 32.70	+2.4684	+0.0015	+24 32 21.0	+2.925	+0.355	81.6	282 292	24 3480
6582	9.2	33 35.09	2.4513	0.0015	25 9 1.7	2.928	0.352	81.0	122 293	25 3591
6583	8.4	33 37.15	2.5708	0.0014	20 45 53.9	2.931	0.370	80.6	133 135	20 3877
6584	9.0	33 38.34	2.5309	0.0014	22 15 31.6	2.933	0.364	80.6	132 137	22 3437
6585	9.3	33 39.31	2.5609	0.0014	21 8 21.7	2.934	0.368	80.8	118 124 293	21 3506
6586	8.2	18 33 39.79	+2.4780	+0.0015	+24 11 47.4	+2.935	+0.356	81.6	282 292	24 3482
6587	8.6	33 46.55	2.5774	0.0013	20 30 47.8	2.945	0.371	80.5	127 128a	20 3878
6588	9.1	33 48.56	2.4796	0.0015	24 8 26.2	2.948	0.357	81.6	282 292	24 3483
6589	7.7	33 52.22	2.5808	0.0013	20 23 13.5	2.953	0.371	80.5	114 129	20 3879
6590	8.0[1]	33 57.93	2.5694	0.0014	20 49 19.8	2.961	0.369	81.1	133 135 287 295	20 3880
6591	8.9	18 34 1.34	+2.5825	+0.0013	+20 19 32.4	+2.966	+0.371	81.6	287 295	20 3881
6592	9.0	34 6.45	2.4761	0.0015	24 16 8.1	2.974	0.356	81.5	286 291	24 3484
6593	8.8	34 33.03	2.4910	0.0014	23 44 6.7	3.012	0.358	80.5	119 131	23 3411
6594	9.0	34 34.06	2.5702	0.0013	20 47 53.2	3.013	0.369	80.5	127 128	20 3883
6595	8.4	34 42.20	2.4589	0.0015	24 53 46.0	3.025	0.353	81.0	122 291	24 3489
6596	9.2	18 34 53.37	+2.5809	+0.0013	+20 23 41.6	+3.041	+0.371	80.4	114	[20 3887]
6597	8.2	34 55.70	2.5570	0.0013	21 18 2.5	3.045	0.367	80.8	118 124 291	21 3515
6598	8.0	34 56.60	2.4675	0.0015	24 35 22.2	3.046	0.354	81.6	282 292	24 3491
6599	9.0	35 8.14	2.5802	0.0013	20 25 29.6	3.062	0.371	81.3	129 287 295	20 3889
6600	9.1	35 8.38	2.5749	0.0013	20 37 42.6	3.063	0.370	80.8	127 128 293	20 3890

[1] Dupl. 4" maj. austr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6601	8.6	18h 35m 32s.22	+2s.5498	+0s.0013	+21° 34′ 45″.9	+3″.097	+0″.366	80.5	118 124	21° 3518
6602	7.8	35 51.44	2.4646	0.0015	24 42 30.7	3.125	0.354	80.5	112 122	24 3493
6603	9.1	36 23.51	2.5264	0.0014	22 27 49.2	3.171	0.363	80.6	132 137	22 3448
6604	9.1	36 34.50	2.5150	0.0014	22 53 13.1	3.187	0.361	81.6	286 287 295	22 3449
6605	9.2	36 43.21	2.5116	0.0014	23 0 53.5	3.199	0.360	80.8	119 131 286	22 3451
6606	8.2	18 36 52.67	+2.4593	+0.0015	+24 54 44.2	+3.213	+0.353	80.5	112 122	24 3499
6607	8.3[1]	37 0.73	2.4916	0.0014	23 45 3.9	3.225	0.357	81.6	282 292a 293	23 3421
6608	9.0	37 2.06	2.5754	0.0013	20 38 3.8	3.227	0.369	80.5	114 129	20 3902
6609	9.1	37 24.40	2.5332	0.0013	22 13 32.3	3.259	0.363	80.6	133 135	22 3454
6610	7.9	37 26.14	2.5776	0.0013	20 33 22.6	3.261	0.370	80.5	114 129	20 3905
6611	9.0	18 37 32.10	+2.5692	+0.0013	+20 52 24.3	+3.270	+0.368	80.5	127 128	20 3906
6612	9.1	37 36.76	2.5122	0.0014	23 0 23.1	3.276	0.360	80.8	119 131 286	22 3456
6613	9.1	37 40.77	2.5687	0.0013	20 53 46.7	3.282	0.368	80.5	127 128	20 3907
6614	8.0	37 46.03	2.5200	0.0014	22 43 9.4	3.290	0.361	80.6	132 137	22 3457
6615	6.8	37 46.78	2.5545	0.0013	21 26 8.0	3.291	0.366	80.5	118 124	21 3531
6616	8.9	18 37 47.58	+2.5372	+0.0013	+22 4 54.1	+3.292	+0.364	80.6	133 135	22 3458
6617	8.3	37 51.04	2.5603	0.0013	21 12 58.3	3.297	0.367	80.5	118 124	21 3533
6618	9.3	37 51.43	2.5122	0.0014	23 0 41.3	3.298	0.360	80.5	119 131	22 3459
6619	8.8	37 59.77	2.4824	0.0014	24 6 1.8	3.310	0.356	81.6	282 292	24 3504
6620	8.1	38 6.96	2.5204	0.0013	22 42 46.3	3.320	0.361	80.6	132 137	22 3461
6621	8.5	18 38 10.16	+2.5268	+0.0013	+22 28 24.7	+3.325	+0.362	80.6	132 137	22 3462
6622	7.9	38 10.19	2.5129	0.0014	22 59 19.2	3.325	0.360	81.6	287 295	22 3463
6623	7.8	38 11.11	2.5034	0.0014	23 20 18.7	3.326	0.359	81.5	286 291	23 3426
6624	9.0	38 15.00	2.5383	0.0013	22 2 46.0	3.331	0.364	80.6	133 135	22 3464
6625	9.0	38 24.67	2.4570	0.0014	25 1 15.6	3.345	0.352	81.0	122 293	25 3610
6626	8.7	18 38 27.86	+2.5015	+0.0014	+23 24 41.5	+3.350	+0.358	80.5	119 131	23 3428
6627	9.3	38 29.28	2.4695	0.0014	24 34 17.0	3.352	0.354	81.6	282 289 292	24 3508
6628	9.0	38 51.34	2.4721	0.0014	24 29 7.0	3.384	0.354	81.6	282 292	24 3509
6629	9.0	38 56.88	2.5731	0.0013	20 44 45.5	3.392	0.368	80.5	114 129	20 3919
6630	8.7	39 2.13	2.5326	0.0013	22 16 21.7	3.399	0.363	80.9	132 137 298	22 3470
6631	9.0	18 39 5.27	+2.4787	+0.0014	+24 15 5.9	+3.404	+0.355	81.5	286 291	24 3513
6632	9.5	39 6.11	2.5004	0.0014	23 27 44.2	3.405	0.358	82.5	381	— —
6633	8.0	39 15.90	2.5026	0.0014	23 23 1.9	3.419	0.358	81.6	289 293	23 3438
6634	9.1	39 26.61	2.4697	0.0014	24 34 50.0	3.434	0.353	81.6	282 292	24 3515
6635	6.5	39 27.52	2.5004	0.0013	23 27 56.5	3.436	0.358	81.8	289 293 381	23 3439
6636	7.8	18 39 40.53	+2.5285	+0.0013	+22 26 4.8	+3.454	+0.362	81.6	287 295	22 3472
6637	8.9	39 42.76	2.4650	0.0014	24 45 19.3	3.458	0.353	81.5	286 291	24 3518
6638	8.8	39 47.45	2.4612	0.0014	24 53 32.3	3.464	0.352	81.6	298 299a 301	24 3519
6639	9.2	39 57.74	2.4952	0.0013	23 39 52.3	3.479	0.357	81.8	289 293 381	23 3441
6640	8.6	40 16.63	2.4923	0.0013	23 46 35.1	3.506	0.356	81.6	298 299a 303	23 3443
6641	**4.0**	**18 40 16.96**	**+2.5820**	**+0.0012**	**+20 25 40.9**	**+3.507**	**+0.369**		**Fund. Cat.**	**20 3926**
6642	6.7	40 17.44	2.5443	0.0013	21 51 16.8	3.507	0.364	81.6	287 295	21 3550
6643	9.0	40 28.32	2.4670	0.0014	24 41 42.5	3.523	0.353	81.6	282 292	24 3523
6644	8.8	40 37.11	2.5358	0.0013	22 10 36.6	3.536	0.363	81.7	301 310	22 3476
6645	9.1	40 41.39	2.5173	0.0013	22 51 59.9	3.542	0.360	80.6	132 137	22 3477
6646	9.5	18 40 42.10	+2.5078	+0.0013	+23 12 58.7	+3.543	+0.359	81.8	289 293 383	23 3446
6647	8.5	40 45.48	2.4669	0.0014	24 42 8.4	3.548	0.353	81.6	282 292	24 3526
6648	8.9	40 46.40	2.5175	0.0013	22 51 38.7	3.549	0.360	81.6	298 301	[22 3478]
6649	9.1	40 54.21	2.5926	0.0012	20 1 41.6	3.560	0.371	81.6	287 295	20 3929
6650	8.2	40 58.01	2.5093	0.0013	23 9 50.2	3.566	0.359	82.1	299a 381	23 3448

[1] Seq. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6651	8.2	$18^h\ 41^m\ 13^s.92$	$+2^s.4778$	$+0^s.0013$	+24° 19′ 14″.1	$+3^s.588$	$+0^s.354$	81.6	277a[1] 298 299a 303	24° 3527
6652	9.0	41 25.34	2.5881	0.0012	20 12 41.1	3.605	0.370	81.0	114 129 287 295	20 3932
6653	8.3	41 32.77	2.5018	0.0013	23 26 58.1	3.616	0.357	81.7	301 310	23 3450
6654	8.9	41 39.98	2.4798	0.0013	24 15 13.4	3.626	0.354	81.5	5 Beob.[2]	24 3531
6655	9.0	41 42.79	2.4607	0.0014	24 56 41.6	3.630	0.351	82.5	382	[24 3532]
6656	8.8	18 41 50.82	+2.4797	+0.0013	+24 15 45.3	+3.641	+0.354	82.1	301 381	[24 3533]
6657	9.0	41 51.44	2.4792	0.0013	24 16 45.2	3.642	0.354	81.6	298 299a	24 3534
6658	8.9	41 52.25	2.4671	0.0013	24 42 57.6	3.643	0.352	81.8	286 291 383	24 3535
6659	8.9	41 52.78	2.4615	0.0014	24 54 57.5	3.644	0.351	81.5	122 382	24 3536
6660	8.3	42 0.25	2.4801	0.0013	24 15 2.2	3.655	0.354	80.7	146 152	24 3537
6661	8.3	18 42 5.51	+2.5156	+0.0013	+22 57 9.1	+3.662	+0.359	80.6	132 137	22 3487
6662	9.2	42 5.69	2.5646	0.0012	21 7 2.4	3.663	0.366	80.5	118 124	21 3554
6663	9.3	42 11.52	2.5153	0.0013	22 57 47.3	3.671	0.359	81.6	289 293	— —
6664	8.0	42 11.80	2.4730	0.0013	24 30 31.0	3.672	0.353	81.5	286 291	24 3538
6665	8.6	42 34.35	2.5732	0.0012	20 47 51.8	3.704	0.367	80.5	114 129	20 3937
6666	8.8	18 42 36.47	+2.4811	+0.0013	+24 13 26.7	+3.707	+0.354	81.2	122 277a[1] 280 284	24 3540
6667	8.0	43 0.64	2.4992	0.0013	23 34 18.5	3.742	0.357	80.7	146 152	23 3459
6668	6.9	43 3.05	2.5045	0.0013	23 22 37.7	3.745	0.357	81.1	119 131 382	23 3461
6669	8.8	43 10.83	2.5760	0.0012	20 41 53.2	3.756	0.367	80.5	127 128	20 3941
6670	9.0	43 18.55	2.5748	0.0012	20 44 51.0	3.767	0.367	80.5	127 128	20 3943
6671	8.6	18 43 25.16	+2.5050	+0.0013	+23 21 53.5	+3.777	+0.357	80.5	119 131	23 3463
6672	8.1	43 36.81	2.5676	0.0012	21 1 38.7	3.793	0.366	81.1	118 124 383	21 3560
6673	9.2	43 38.65	2.5404	0.0012	22 3 8.2	3.796	0.362	80.6	132 137	22 3491
6674	7.4	43 44.30	2.4900	0.0013	23 54 58.3	3.804	0.355	81.8	277a[1] 280 284 382	23 3465
6675	8.9	44 0.45	2.5639	0.0012	21 10 29.1	3.827	0.365	80.8	118 124 298	21 3563
6676	9.0	18 44 5.79	+2.5834	+0.0011	+20 25 55.0	+3.835	+0.368	80.9	133 135 310	20 3947
6677	7.0	44 6.39	2.4629	0.0013	24 54 22.1	3.836	0.351	81.6	282 292	24 3545
6678	9.2	44 13.33	2.5095	0.0013	23 12 46.5	3.846	0.357	81.1	119 131 383	23 3467
6679	8.1	44 19.74	2.5204	0.0012	22 48 44.3	3.855	0.359	81.6	289 293	22 3494
6680	8.2	44 20.70	2.4948	0.0013	23 45 19.7	3.856	0.355	81.5	286 291	23 3469
6681	8.8	18 44 25.45	+2.5617	+0.0012	+21 15 48.4	+3.863	+0.365	80.5	118 124	21 3565
6682	9.0	44 27.31	2.4862	0.0013	24 4 16.5	3.866	0.354	81.6	282 292	24 3547
6683	9.0	44 37.26	2.5436	0.0012	21 57 0.8	3.880	0.362	81.8	287 295 382	21 3567
6684	8.5	44 37.69	2.5269	0.0012	22 34 34.2	3.880	0.360	81.6	289 293	22 3497
6685	9.0	44 37.83	2.5798	0.0011	20 34 43.6	3.881	0.367	80.6	133 135	20 3950
6686	9.0	18 45 5.72	+2.5069	+0.0012	+23 19 25.8	+3.921	+0.357	80.5	119 131	23 3475
6687	7.7[3]	45 13.34	2.4896	0.0013	23 57 44.2	3.931	0.354	81.8	277a[1] 280 284 383	23 3477
6688	8.6	45 16.60	2.4979	0.0012	23 39 33.8	3.936	0.355	81.5	277a[1] 280 284	23 3478
6689	9.1	45 24.73	2.5500	0.0012	21 43 23.4	3.948	0.363	81.6	289 293	21 3571
6690	8.6	45 28.12	2.5763	0.0011	20 43 31.8	3.953	0.367	80.6	133 135	20 3958
6691	9.4	18 45 29.79	+2.5695	+0.0011	+20 59 1.5	+3.955	+0.366	81.6	287 295 303	20 3959
6692	8.7	45 29.98	2.5864	0.0011	20 20 23.9	3.955	0.368	81.6	287 295	20 3960
6693	9.0	45 30.51	2.4982	0.0012	23 39 1.9	3.956	0.355	81.5	277a[1] 280 284	23 3479
6694	8.1	45 35.77	2.5083	0.0012	23 16 55.3	3.964	0.357	80.5	119 131	23 3480
6695	8.9	45 37.11	2.5825	0.0011	20 29 24.2	3.965	0.368	81.6	295 301	20 3963
6696	8.5	18 45 40.54	+2.4730	+0.0013	+24 34 28.9	+3.970	+0.352	81.6	282 292	24 3552
6697	8.7	45 40.62	2.5176	0.0012	22 56 17.7	3.970	0.358	81.7	299a 303 310	22 3505
6698	9.1	45 47.79	2.5522	0.0012	21 38 43.4	3.981	0.363	81.9	303 310 383	[21 3574]
6699	8.7	45 49.85	2.5232	0.0012	22 44 8.2	3.984	0.359	82.0	299a 301 381	22 3506
6700	9.0	45 52.16	2.5522	0.0011	21 38 54.0	3.987	0.363	81.7	299a 301 310	21 3575

[1] Z. 277a Gew. ½ [2] Z. 277a(½) 280 282 284 292 [3] Röthlich

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6701	9.3	18h 45m 55s.13	+2s.5494	+0s.0012	+21° 45′ 22″.4	+3″.991	+0″.363	81.6	289 293	21° 3576
6702	9.1	46 8.56	2.5107	0.0012	23 12 14.1	4.010	0.357	81.6	282 292	23 3482
6703	8.7	46 20.71	2.5767	0.0011	20 43 30.0	4.028	0.366	80.6	133 135	20 3970
6704	9.1	46 20.81	2.5092	0.0012	23 15 48.2	4.028	0.357	80.5	119 131	23 3485
6705	9.2	46 35.36	2.4566	0.0013	25 10 47.2	4.049	0.349	81.0	122 293	25 3646
6706	8.5	18 46 38.27	+2.4954	+0.0012	+23 46 27.0	+4.053	+0.355	80.7	146 152	23 3486
6707	9.1	46 44.90	2.5742	0.0011	20 49 40.4	4.062	0.366	81.1	127 128 382	20 3974
6708	8.9	46 52.60	2.5195	0.0012	22 53 30.1	4.073	0.358	80.6	132[1] 137	22 3511
6709	9.3	46 55.88	2.5722	0.0011	20 54 22.9	4.078	0.366	81.1	114 129 381	20 3975
6710	5.9	46 56.12	2.5625	0.0011	21 16 33.2	4.078	0.364	80.8	118 124 298	21 3582
6711	8.7	18 46 57.72	+2.4794	+0.0013	+24 22 1.7	+4.081	+0.352	81.5	277a[1] 280 284	24 3555
6712	8.6	46 58.82	2.5692	0.0011	21 1 15.6	4.082	0.365	81.2	133 135 383	20 3976
6713	9.1	47 7.90	2.5636	0.0011	21 14 23.4	4.095	0.364	81.2	118 124 310 381	21 3583
6714	9.0	47 11.46	2.4844	0.0012	24 11 16.3	4.100	0.353	80.7	146 152	24 3556
6715	8.5	47 20.64	2.4641	0.0013	24 55 32.0	4.113	0.350	81.0	122 293	24 3558
6716	9.1	18 47 23.28	+2.5657	+0.0011	+21 9 41.6	+4.117	+0.364	81.6	287 295	21 3585
6717	8.5	47 35.15	2.5620	0.0011	21 18 20.6	4.134	0.364	81.0	124 291	21 3587
6718	8.9	47 37.02	2.5728	0.0011	20 53 49.8	4.137	0.365	81.2	114 287 295	20 3978
6719	9.0	47 56.42	2.5683	0.0011	21 4 22.4	4.164	0.365	81.2	133 135 382	21 3589
6720	9.1	48 14.18	2.5593	0.0011	21 25 16.4	4.190	0.363	81.1	118 124 383	21 3590
6721	8.3	18 48 15.36	+2.4867	+0.0012	+24 7 29.7	+4.191	+0.353	80.7	146 152	24 3568
6722	8.7	48 21.33	2.4721	0.0012	24 39 32.4	4.200	0.351	81.2	122 277a[1] 280 284	24 3569
6723	8.7	48 35.06	2.5153	0.0012	23 4 41.5	4.220	0.357	80.8	119 131 293	23 3491
6724	8.9	48 37.91	2.5224	0.0012	22 49 1.8	4.224	0.358	80.6	132 137	22 3520
6725	8.8	48 40.27	2.5883	0.0010	20 19 14.8	4.227	0.367	81.1	127 128 382	20 3981
6726	7.8	18 49 4.14	+2.5915	+0.0010	+20 12 12.8	+4.261	+0.367	80.5	114 129	20 3982
6727	9.1	49 6.16	2.5055	0.0012	23 27 8.8	4.264	0.355	81.5	277a[1] 280 284	23 3492
6728	8.9	49 7.54	2.5808	0.0010	20 36 54.7	4.266	0.366	80.5	127 128	20 3984
6729	7.2[2]	49 9.66	2.5849	0.0010	20 27 32.5	4.269	0.367	81.2	133 135 383	20 3985
6730	9.0	49 18.89	2.5265	0.0011	22 40 35.0	4.282	0.358	80.6	132 137	22 3523
6731	8.3	18 49 25.33	+2.4989	+0.0012	+23 42 3.5	+4.291	+0.354	80.7	146 152	23 3493
6732	4.3	49 28.29	2.5316	0.0011	22 29 17.4	4.295	0.359	80.6	132 137	22 3524
6733	8.6	49 32.36	2.5178	0.0011	23 0 15.5	4.301	0.357	80.5	119 131	22 3525
6734	9.0	49 32.71	2.4911	0.0012	23 59 25.9	4.302	0.353	81.6	282 291 292	[23 3494]
6735	8.7	49 36.13	2.4917	0.0012	23 58 15.7	4.307	0.353	81.5	277a[1] 280 284 286	23 3495
6736	9.2	18 49 53.28	+2.4693	+0.0012	+24 47 28.1	+4.331	+0.350	81.1	122 291 293	24 3576
6737	8.6	49 56.73	2.5797	0.0010	20 40 26.5	4.336	0.365	80.8	127 128 289	20 3989
6738	8.0	49 58.46	2.5165	0.0011	23 3 48.5	4.338	0.356	81.1	119 131 382	23 3497
6739	8.8	50 4.07	2.5246	0.0011	22 45 48.5	4.346	0.358	81.5	286 291	22 3526
6740	8.9	50 4.24	2.5944	0.0010	20 6 35.3	4.347	0.368	81.1	114 129 383	20 3990
6741	8.8	18 50 9.50	+2.5118	+0.0012	+23 14 24.7	+4.354	+0.356	80.5	119 131	} 23 3498
6742	9.2	50 10.75	2.5117	0.0012	23 14 41.5	4.356	0.356	81.5	280 284	}
6743	8.4	50 11.11	2.4760	0.0012	24 33 17.4	4.356	0.351	80.7	146 152	24 3579
6744	9.2	50 29.58	2.5862	0.0010	20 26 1.9	4.383	0.366	80.8	114 129 293	20 3992
6745	8.7	50 31.82	2.5313	0.0011	22 31 16.6	4.386	0.358	80.6	132 137	22 3529
6746	8.3	18 50 38.55	+2.5076	+0.0012	+23 24 20.7	+4.395	+0.355	80.5	119 131	23 3500
6747	9.0	50 48.69	2.5206	0.0011	22 55 34.4	4.410	0.357	80.6	133 135	22 3531
6748	7.8	51 2.02	2.5212	0.0011	22 54 30.1	4.429	0.357	81.2	133 135 382	22 3532
6749	8.7	51 12.24	2.5366	0.0011	22 20 4.8	4.443	0.359	81.6	287 295	22 3534
6750	8.4	51 15.28	2.5544	0.0011	21 39 56.8	4.448	0.361	81.8	287 295 383	21 3612

[1] Z. 277a Gew. ½ [2] Dupl. 2″-3″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6751	8.3	18h 51m 18s.12	+2s.4838	+0s.0012	+24° 17' 40".9	+4".452	+0".351	80.6	122 146 152	24° 3586
6752	8.2	51 20.38	2.5662	0.0010	21 12 59.0	4.455	0.363	80.5	118 124	21 3615
6753	8.9	51 41.63	2.4839	0.0012	24 18 0.5	4.485	0.351	81.1	122 291 298	24 3590
6754	8.3	51 46.41	2.5287	0.0011	22 38 41.7	4.492	0.357	80.6	132 137	22 3535
6755	8.8	51 51.53	2.4933	0.0012	23 57 24.9	4.499	0.352	81.5	280 284	23 3506
6756	9.0	18 51 56.34	+2.5865	+0.0010	+20 26 57.2	+4.506	+0.366	80.5	114 129	20 3998
6757	9.0	51 59.61	2.5490	0.0010	21 53 3.2	4.511	0.360	80.6	133 135	21 3618
6758	9.0	52 5.62	2.5640	0.0010	21 18 56.1	4.519	0.362	81.1	118 124 382	21 3619
6759	8.6	52 21.64	2.4760	0.0012	24 36 4.8	4.542	0.350	81.6	282 292	24 3592
6760	8.8	52 22.64	2.5812	0.0010	20 39 34.9	4.543	0.365	80.5	127 128	20 4000
6761	8.8	18 52 38.15	+2.5933	+0.0009	+20 11 47.6	+4.565	+0.366	80.5	114 129	20 4002
6762	8.5	53 0.26	2.5594	0.0010	21 30 31.6	4.597	0.361	80.5	118 124	21 3625
6763	7.9	53 2.71	2.4781	0.0012	24 32 29.2	4.600	0.350	81.6	282 292	24 3595
6764	8.2	53 4.97	2.5016	0.0011	23 40 50.8	4.603	0.353	81.5	280 284 303	23 3510
6765	8.7	53 5.02	2.5488	0.0010	21 54 39.1	4.604	0.360	81.6	287 295	21 3626
6766	8.8	18 53 6.54	+2.4603	+0.0012	+25 11 7.1	+4.606	+0.347	81.8	282 292 382	25 3682
6767	8.7	53 10.77	2.4983	0.0011	23 48 11.0	4.612	0.353	81.5	286 291	23 3512
6768	7.5	53 15.27	2.5028	0.0011	23 38 16.2	4.618	0.353	81.5	286 291	23 3513
6769	8.5	53 17.22	2.5190	0.0011	23 2 12.6	4.621	0.356	81.6	298 301	23 3514
6770	7.2	53 17.98	2.5870	0.0010	20 27 17.4	4.622	0.365	80.5	127 128	20 4007
6771	8.7	18 53 20.02	+2.5410	+0.0011	+22 12 44.3	+4.625	+0.359	81.6	289 293	22 3540
6772	7.9	53 23.53	2.4634	0.0012	25 4 49.6	4.630	0.348	81.6	282 292 310	25 3683
6773	8.5	53 27.33	2.4909	0.0011	24 4 52.2	4.635	0.352	81.5	286 291	24 3596
6774	8.4	53 38.74	2.5388	0.0011	22 18 2.6	4.651	0.358	81.6	289 293	22 3543
6775	8.6	53 42.85	2.5139	0.0011	23 14 12.1	4.657	0.355	81.6	298 301	23 3518
6776	9.1	18 53 44.11	+2.5953	+0.0009	+20 8 31.6	+4.659	+0.366	80.5	114 129	20 4009
6777	8.6	53 46.52	2.5381	0.0010	22 19 52.6	4.662	0.358	81.6	289 293	22 3545
6778	8.6	53 49.97	2.5398	0.0010	22 16 10.2	4.667	0.358	81.6	298 301	22 3546
6779	8.8	54 7.25	2.4664	0.0012	24 59 27.4	4.692	0.348	81.6	282 292	24 3598
6780	8.7	54 17.16	2.4772	0.0012	24 36 0.2	4.706	0.349	81.5	286 291	24 3599
6781	8.6	18 54 22.73	+2.5606	+0.0010	+21 29 31.2	+4.714	+0.361	80.5	118 124	21 3630
6782	6.0	54 41.92	2.5304	0.0010	22 38 30.5	4.741	0.357	81.6	289 293	22 3549
6783	8.6	54 52.26	2.5669	0.0010	21 15 32.6	4.756	0.362	80.5	118 124	21 3631
6784	8.7	54 57.52	2.4666	0.0012	25 0 5.4	4.763	0.347	81.6	298 301	24 3602
6785	9.1	54 58.18	2.5083	0.0011	23 28 22.0	4.764	0.353	81.8	280 284 381	23 3522
6786	8.6	18 55 1.36	+2.4664	+0.0012	+25 0 36.0	+4.769	+0.347	81.3	7 Beob.[1]	24 3603
6787	8.5	55 23.40	2.5049	0.0011	23 36 32.1	4.800	0.353	80.7	144 156	23 3524
6788	8.7[2]	55 30.95	2.5181	0.0011	23 7 14.5	4.810	0.354	80.5	119 131	23 3525
6789	8.7	55 34.14	2.5882	0.0009	20 27 15.6	4.815	0.364	80.5	114 129	20 4020
6790	8.9	55 50.85	2.5238	0.0010	22 54 56.3	4.839	0.355	81.1	132 137 381	22 3555
6791	8.9	18 55 55.38	+2.5832	+0.0009	+20 39 8.7	+4.845	+0.364	80.5	114 129	20 4021
6792	6.9	55 56.99	2.5655	0.0010	21 20 16.4	4.847	0.361	80.5	118 124	21 3634
6793	7.2:	55 59.61	2.5832	0.0009	20 39 23.2	4.851	0.364	80.6	133 135	20 4022
6794	8.9	56 0.74	2.5850	0.0009	20 35 15.1	4.853	0.364	80.6	127 128 133 135	20 4023
6795	9.0	56 15.92	2.4994	0.0011	23 49 56.3	4.874	0.352	80.7	146 152	23 3531
6796	8.9	18 56 22.82	+2.4940	+0.0011	+24 1 59.3	+4.884	+0.351	80.6	139 141	24 3607
6797	7.2	56 25.86	2.4718	0.0011	24 50 54.8	4.888	0.348	80.7	142 154	24 3608
6798	8.5	56 29.26	2.5296	0.0010	22 42 35.8	4.893	0.356	80.7	144 156	22 3560
6799	7.5	56 30.95	2.5461	0.0010	22 5 10.1	4.895	0.358	80.6	130 138	22 3561
6800	8.9	56 32.02	2.5498	0.0010	21 56 49.0	4.897	0.359	80.6	130 138	21 3635

[1] Z. 146 152 282 286 291 292 301

[2] Dupl. 3" maj. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6801	8.7	$18^{h}\ 56^{m}\ 45^{s}.16$	$+2^{s}.5245$	$+0^{s}.0010$	$+22°\ 54'\ 24''.4$	$+4''.915$	$+0''.355$	81.1	132 137 381	22° 3563
6802	8.8	56 45.97	2.5309	0.0010	22 40 0.8	4.917	0.356	81.6	287 295	22 3562
6803	8.8	56 50.99	2.5319	0.0010	22 37 58.0	4.924	0.356	81.8	287 295 382	22 3564
6804	8.6	57 9.18	2.4951	0.0011	24 0 41.8	4.949	0.351	80.6	139 141	23 3536
6805	9.1	57 13.97	2.5662	0.0009	21 20 17.2	4.956	0.361	80.5	118 124	21 3638
6806	8.7	18 57 20.67	+2.5600	+0.0010	+21 34 36.3	+4.966	+0.360	80.5	118 124	21 3639
6807	8.6	57 42.69	2.5174	0.0010	23 11 41.6	4.997	0.353	80.8	119 131 293	23 3540
6808	8.2	57 49.19	2.4976	0.0011	23 56 7.9	5.006	0.351	80.7	144 156	23 3541
6809	8.4	58 2.47	2.4657	0.0011	25 6 37.2	5.025	0.346	80.7	146 152	25 3708
6810	8.2	58 8.94	2.5110	0.0011	23 26 41.6	5.034	0.352	81.5	280 284	23 3542
6811	9.1	18 58 9.05	+2.4755	+0.0011	+24 45 16.5	+5.034	+0.347	81.2	142 154 382	24 3613
6812	9.1	58 14.94	2.4687	0.0011	25 0 23.8	5.042	0.346	80.7	146 152	24 3615
6813	9.3	58 17.49	2.4806	0.0011	24 34 19.7	5.046	0.348	81.5	282 286 291 292	24 3617
6814	8.9	58 17.62	2.5993	0.0008	20 4 44.8	5.046	0.365	80.5	114 129	20 4032
6815	7.4	58 20.64	2.5734	0.0009	21 5 5.9	5.050	0.361	80.5	127 128	21 3648
6816	8.8	18 58 26.84	+2.4682	+0.0011	+25 1 40.1	+5.059	+0.346	81.5	280 284	24 3619
6817	8.2	58 26.99	2.5186	0.0010	23 10 11.8	5.059	0.353	80.8	119 131 293	23 3543
6818	8.9	58 49.85	2.5748	0.0009	21 2 31.5	5.092	0.361	80.5	127 128	21 3650
6819	8.7	58 54.04	2.5860	0.0009	20 36 23.7	5.097	0.363	80.5	114 129	20 4033
6820	9.1	58 59.60	2.5183	0.0010	23 11 35.4	5.105	0.353	81.8	286 291 382	23 3546
6821	8.5	18 59 9.23	+2.5372	+0.0010	+22 29 5.4	+5.119	+0.356	80.6	132 137	22 3575
6822	8.4	59 14.83	2.5688	0.0009	21 16 57.5	5.127	0.360	81.6	287 295	21 3653
6823	8.4	59 17.57	2.5525	0.0009	21 54 21.0	5.131	0.358	81.6	287 295	21 3654
6824	9.2	59 18.68	2.4730	0.0011	24 52 35.7	5.132	0.347	80.7	146 152	24 3621
6825	8.3	59 18.86	2.5090	0.0010	23 32 45.9	5.132	0.351	81.5	280 284	23 3547
6826	8.8	18 59 22.56	+2.5199	+0.0010	+23 8 35.4	+5.138	+0.353	81.5	286 291	} 23 3549
6827	7.4	59 23.46	2.5199	0.0010	23 8 36.3	5.139	0.353	81.5	286 289 291	
6828	8.9	59 23.53	2.5081	0.0010	23 34 55.6	5.139	0.351	81.5	280 284	23 3548
6829	8.2	59 33.23	2.5907	0.0008	20 26 21.9	5.153	0.363	80.5	114 129	20 4038
6830	8.4	59 33.43	2.5202	0.0010	23 7 58.9	5.153	0.353	81.6	298 303	23 3551
6831	8.5	18 59 37.37	+2.5749	+0.0009	+21 3 11.7	+5.159	+0.361	80.5	127 128	21 3657
6832	8.6	59 43.14	2.4773	0.0011	24 43 48.0	5.167	0.347	81.6	298 303	24 3624
6833	8.3	59 49.67	2.5271	0.0010	22 52 56.5	5.176	0.354	81.8	289 293 381	22 3579
6834	8.5[1]	59 54.81	2.5175	0.0010	23 14 40.0	5.183	0.352	81.6	298 303	23 3552
6835	8.8	19 0 7.89	2.5349	0.0010	22 35 39.3	5.202	0.355	81.1	132 137 382	22 3581
6836	8.8	19 0 40.35	+2.5986	+0.0008	+20 9 22.7	+5.247	+0.364	81.1	114 129 381	20 4045
6837	8.7	0 47.00	2.5580	0.0009	21 43 57.4	5.257	0.358	81.6	287 295	21 3659
6838	8.7	0 52.88	2.5910	0.0008	20 27 28.3	5.265	0.362	80.5	127 128	20 4046
6839	9.3	0 58.78	2.5691	0.0009	21 18 27.0	5.273	0.359	80.6	130 138	21 3661
6840	8.5	1 1.30	2.5787	0.0009	20 58 16.0	5.277	0.360	81.1	127 128 381	20 4047
6841	8.8	19 1 2.87	+2.5722	+0.0009	+21 11 31.9	+5.279	+0.360	81.8	287 295 382	21 3663
6842	8.6	1 6.92	2.5370	0.0010	22 32 20.8	5.285	0.355	81.3	137 289 293	22 3586
6843	8.2	1 11.01	2.4856	0.0011	24 27 45.8	5.290	0.347	80.7	146 152	24 3636
6844	8.2	1 16.62	2.5328	0.0010	22 42 1.7	5.298	0.354	81.6	298 301	22 3590
6845	9.3	1 18.89	2.5276	0.0010	22 54 2.3	5.301	0.353	80.6	132 137	22 3591
6846	6.4	19 1 25.71	+2.4967	+0.0010	+24 3 29.9	+5.311	+0.349	81.5	280 284	24 3640
6847	6.9	1 34.02	2.5519	0.0009	21 58 55.7	5.323	0.357	81.9	303 310 381	21 3666
6848	8.5	1 35.34	2.5463	0.0009	22 11 46.2	5.325	0.356	81.7	303 310	22 3592
6849	8.1	1 36.32	2.5083	0.0010	23 37 45.2	5.326	0.350	80.5	119 131	23 3562
6850	9.3	1 41.11	2.5278	0.0010	22 54 5.7	5.333	0.353	80.6	132 137	22 3593

[1] Dupl. 6″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6851	9.2	19h 1m 49s.89	+2s.5415	+0s.0009	+22° 23′ 13″.8	+5″.345	+0″.355	82.5	383	22° 3594
6852	8.2	1 50.14	2.5414	0.0009	22 23 24.0	5.345	0.355	81.9	298 301 383	
6853	7.5	1 59.42	2.5973	0.0008	20 14 13.7	5.358	0.363	80.5	127 128	20 4055
6854	8.8	2 5.68	2.4696	0.0011	25 4 22.6	5.367	0.345	80.7	146 152	25 3725
6855	8.7	2 7.12	2.4898	0.0010	24 19 55.1	5.369	0.348	81.5	280 284	24 3643
6856	8.9	19 2 10.74	+2.5044	+0.0010	+23 47 31.7	+5.374	+0.350	81.5	286 291	23 3563
6857	8.5	2 12.73	2.5063	0.0010	23 43 8.1	5.377	0.350	80.5	119 131	23 3564
6858	8.9	2 24.04	2.4858	0.0010	24 29 11.8	5.393	0.347	81.5	280 284	24 3644
6859	8.9	2 34.18	2.5974	0.0008	20 14 40.6	5.407	0.363	80.5	127 128	20 4058
6860	7.3	2 42.41	2.5652	0.0009	21 30 1.8	5.419	0.358	81.1	130 138 383	21 3672
6861	7.9	19 2 48.21	+2.5631	+0.0009	+21 35 4.7	+5.427	+0.358	80.6	130 138	21 3674
6862	7.2	2 51.18	2.4849	0.0010	24 31 48.0	5.431	0.347	81.5	280 284	24 3650
6863	7.6	3 7.89	2.4674	0.0011	25 10 49.7	5.455	0.344	80.7	146 152	25 3735
6864	9.0	3 16.41	2.5084	0.0010	23 40 5.6	5.467	0.350	80.5	119 131	23 3571
6865	8.9	3 23.65	2.4959	0.0010	24 8 14.9	5.477	0.348	81.5	286 291	24 3654
6866	7.0[1]	19 3 25.11	+2.5001	+0.0010	+23 58 53.0	+5.479	+0.348	81.5	286 291	23 3572
6867	8.9	3 28.45	2.5998	0.0008	20 10 23.9	5.483	0.362	81.1	127 128 383	20 4061
6868	8.5	3 59.50	2.4832	0.0010	24 37 21.0	5.527	0.346	81.5	280 284	24 3655
6869	8.3	4 2.68	2.5323	0.0009	22 47 21.2	5.531	0.353	80.6	132 137	22 3604
6870	8.1	4 3.30	2.4697	0.0011	25 7 15.9	5.532	0.344	80.7	146 152	25 3737
6871	8.8	19 4 8.62	+2.6031	+0.0007	+20 3 25.1	+5.540	+0.362	80.5	114 129	20 4062
6872	8.8	4 37.44	2.5025	0.0010	23 55 30.3	5.580	0.348	80.7	144 156	23 3578
6873	8.4	4 43.40	2.4739	0.0011	24 59 3.9	5.589	0.344	80.7	142 146 152 154	24 3659
6874	8.1	4 51.48	2.5079	0.0010	23 43 44.7	5.600	0.349	80.5	119 131	23 3580
6875	8.9	4 57.93	2.5976	0.0007	20 17 32.1	5.609	0.361	80.8	114 129 293	20 4067
6876	8.2	19 5 13.69	+2.5401	+0.0009	+22 31 25.8	+5.631	+0.353	80.6	132 137	22 3613
6877	8.5	5 22.30	2.5801	0.0008	20 59 7.1	5.643	0.359	81.1	127 128 383	20 4069
6878	8.7	5 25.57	2.5780	0.0008	21 4 7.7	5.648	0.358	80.5	118 124	21 3683
6879	8.0	5 28.28	2.5105	0.0010	23 38 50.7	5.651	0.349	80.5	119 131	23 3584
6880	8.7	5 36.76	2.4852	0.0010	24 35 41.4	5.663	0.345	81.1	139 141 289 290	24 3666
6881	8.3	19 5 53.04	+2.4694	+0.0010	+25 10 54.3	+5.686	+0.343	80.7	142 154	25 3745
6882	7.4	5 55.35	2.5208	0.0009	23 16 29.5	5.689	0.350	80.7	144 156	23 3586
6883	9.0	5 55.43	2.4894	0.0010	24 26 45.6	5.689	0.346	80.7	142 146 152	24 3667
6884	9.0	5 59.36	2.5358	0.0009	22 42 29.6	5.695	0.352	80.6	132 137	22 3615
6885	8.6	6 0.42	2.5787	0.0008	21 3 19.4	5.696	0.358	81.1	118 124 382	21 3686
6886	8.6	19 6 7.26	+2.4758	+0.0010	+24 57 14.0	+5.706	+0.344	80.7	144 156	24 3668
6887	8.0	6 10.07	2.5498	0.0009	22 10 38.1	5.710	0.354	81.1	132 137 383	22 3617
6888	9.0	6 37.82	2.5569	0.0008	21 54 56.4	5.748	0.355	80.6	130 138	21 3688
6889	9.3	6 40.56	2.5498	0.0009	22 11 31.6	5.752	0.354	80.6	132 137	22 3619
6890	8.5	6 56.03	2.5803	0.0008	21 0 59.8	5.774	0.358	81.1	118 124 382	20 4076
6891	8.8	19 6 58.02	+2.5985	+0.0007	+20 18 15.2	+5.777	+0.360	80.5	114 129	20 4077
6892	8.3	7 13.67	2.5224	0.0009	23 15 2.0	5.799	0.350	80.5	119 131	23 3593
6893	5.9	7 15.04	2.5721	0.0008	21 20 42.6	5.801	0.357	81.1	118 124 383	21 3690
6894	9.4	7 15.45	2.4922	0.0010	24 22 57.6	5.801	0.345	80.7	5 Beob.[2]	24 3673
6895	8.8	7 21.96	2.5572	0.0008	21 55 28.4	5.810	0.354	80.6	130 138	21 3691
6896	8.3	19 7 30.21	+2.4928	+0.0010	+24 22 2.5	+5.822	+0.345	80.6	139 141a	24 3677
6897	9.1	7 37.44	2.5737	0.0008	21 17 35.6	5.832	0.357	80.5	127 128	21 3694
6898	8.6	7 47.51	2.5634	0.0008	21 41 49.6	5.846	0.355	80.5	127 128	21 3695
6899	9.1	7 51.33	2.5384	0.0009	22 39 29.7	5.851	0.352	81.2	144 156 382	22 3626
6900	8.8	8 5.85	2.5249	0.0009	23 10 48.0	5.871	0.350	80.5	119 131	23 3596

[1] Röthlich [2] Z. 141 142 146 152 154

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
6901	8.5	19h 8m 22s.46	+2s.5299	+0s.0009	+22° 59′ 41″.9	+5″.895	+0″.350	80.6	132 137	22° 3628
6902	9.3	8 23.87	2.5302	0.0009	22 59 9.0	5.897	0.350	80.9	146 152 291	
6903	8.1	8 27.09	2.4814	0.0010	24 48 55.2	5.901	0.343	80.7	142 154	24 3682
6904	9.1	8 27.12	2.5168	0.0009	23 29 45.8	5.901	0.348	81.2	144 156 383	23 3597
6905	8.5	8 28.78	2.4921	0.0010	24 25 8.9	5.903	0.345	80.7	139 146 152	24 3683
6906	8.9	19 8 33.75	+2.5871	+0.0007	+20 47 40.9	+5.910	+0.358	80.5	114 129	20 4082
6907	8.7	8 46.15	2.4915	0.0010	24 27 9.9	5.928	0.345	80.6	139 141	24 3684
6908	8.3	8 54.59	2.5888	0.0007	20 44 3.2	5.939	0.358	80.5	114 129	20 4083
6909	8.4	8 56.25	2.5322	0.0009	22 55 31.3	5.942	0.350	81.1	132 137 382	22 3632
6910	9.2	9 4.42	2.5151	0.0009	23 34 28.0	5.953	0.348	80.8	119 131 293	23 3601
6911	7.3	19 9 8.87	+2.4824	+0.0010	+24 47 56.5	+5.959	+0.343	80.7	142 154	24 3687
6912	8.9	9 15.71	2.5558	0.0008	22 1 47.4	5.969	0.353	80.6	130 138	22 3633
6913	8.7	9 31.44	2.5545	0.0008	22 5 9.3	5.991	0.353	81.1	130 138 383	22 3634
6914	8.9	9 38.68	2.4956	0.0010	24 19 32.2	6.001	0.345	80.6	139 141	24 3689
6915	9.4	9 51.87	2.5089	0.0009	23 49 52.8	6.019	0.346	80.7	144 156	23 3604
6916	8.7	19 9 53.05	+2.4768	+0.0010	+25 1 48.3	+6.021	+0.342	80.7	142 154	25 3762
6917	6.0	9 54.21	2.5823	0.0007	21 0 53.9	6.022	0.357	81.1	118 124 382	20 4088
6918	9.3	10 22.10	2.5118	0.0009	23 44 12.5	6.061	0.347	80.5	119 131	23 3607
6919	8.4	10 24.14	2.5385	0.0009	22 43 31.2	6.064	0.350	80.6	132 137	22 3638
6920	7.9	10 28.75	2.6063	0.0007	20 5 7.0	6.070	0.360	81.1	114 129 383	20 4090
6921	8.6	19 10 38.16	+2.4897	+0.0010	+24 34 18.1	+6.083	+0.343	80.7	139 141 142	24 3696
6922	9.1	10 40.38	2.5067	0.0009	23 56 24.3	6.087	0.346	80.7	144 156	23 3610
6923	8.8	10 46.96	2.5256	0.0009	23 13 43.4	6.096	0.348	81.5	280 284	23 3611
6924	5.3:	10 50.64	2.5790	0.0007	21 10 15.5	6.101	0.356	80.5	118 124	21 3713
6925	8.5	10 57.56	2.4902	0.0010	24 33 54.6	6.110	0.343	81.3	154 282 289 292	24 3698
6926	8.7	19 11 3.86	+2.5179	+0.0009	+23 31 39.3	+6.119	+0.347	81.8	286 291 382	23 3612
6927	8.6	11 12.01	2.5053	0.0009	24 0 20.7	6.130	0.345	80.7	146 152	23 3613
6928	8.0	11 26.05	2.5041	0.0009	24 3 34.8	6.150	0.345	80.7	146 152	24 3699
6929	8.6	11 27.44	2.6005	0.0007	20 20 22.6	6.152	0.358	81.4	128 293 383	20 4095
6930	8.6	11 40.39	2.4923	0.0010	24 30 28.0	6.170	0.343	80.6	139 141	24 3701
6931	7.6	19 11 51.98	+2.5531	+0.0008	+22 12 13.9	+6.186	+0.352	80.7	144 156	22 3644
6932	8.4	11 55.39	2.5031	0.0009	24 6 44.0	6.191	0.345	81.2	146 152 382	24 3704
6933	7.4	12 10.41	2.5692	0.0007	21 35 25.8	6.212	0.354	80.6	130 138	21 3719
6934	7.0	12 20.77	2.5531	0.0008	22 13 3.2	6.226	0.351	80.7	144 156	22 3647
6935	7.7	12 20.89	2.4792	0.0010	25 0 50.7	6.226	0.341	80.7	142 154	24 3706
6936	6.2	19 12 26.29	+2.5380	+0.0008	+22 48 5.5	+6.234	+0.349	81.9	284 310 383	22 3648
6937	8.5	12 42.70	2.4762	0.0010	25 8 14.9	6.256	0.341	80.7	142 154	25 3780
6938	9.4	12 45.55	2.5017	0.0009	24 11 19.9	6.260	0.344	80.7	139 141 146 152	24 3707
6939	9.1	12 55.91	2.5857	0.0007	20 57 59.5	6.275	0.356	81.7	301 310	20 4101
6940	6.9	12 58.27	2.5020	0.0009	24 11 4.7	6.278	0.344	80.6	139 141	24 3708
6941	9.1	19 13 10.37	+2.6000	+0.0006	+20 24 21.7	+6.295	+0.357	81.9	301 310 381	20 4103
6942	9.3	13 11.04	2.6000	0.0006	20 24 24.1	6.296	0.357	82.6	382 387	
6943	9.1[1]	13 12.60	2.5666	0.0007	21 43 19.3	6.298	0.353	81.6	290 300	21 3726
	8.0[1]	13 12.61	2.5666	0.0007	21 43 17.7	6.298	0.353	80.6	130 138	
6944	8.8:[1]	13 12.71	2.5666	0.0007	21 43 16.4	6.298	0.353	81.6	300	
6945	9.1	13 22.82	2.5796	0.0007	21 13 1.1	6.312	0.354	81.9	301 310 383	21 3729
6946	8.4	19 13 23.21	+2.5171	+0.0009	+23 37 44.5	+6.312	+0.346	80.7	144 156	23 3621
6947	9.0:	13 27.17	2.5987	0.0006	20 27 50.0	6.318	0.357	82.5	385	[20 4104]
6948	8.3	13 53.87	2.5258	0.0009	23 18 52.2	6.355	0.347	80.7	146 152	23 3624
6949	8.2	13 59.54	2.5321	0.0008	23 4 32.8	6.363	0.347	80.5	119 131	23 3625
6950	9.0	14 5.24	2.5478	0.0008	22 28 25.3	6.371	0.350	81.3	144 156 387	22 3658

[1] Dupl. pr. med. seq.



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
6951	7.3	19h 14m 12s.90	+2s.5513	+0s.0008	+22° 20' 30".0	+6".381	+0".350	80.6	132 137	22° 3660
6952	9.2	14 22.83	2.5311	0.0008	23 7 27.2	6.395	0.347	81.8	280 284 382	23 3626
6953	8.7	14 26.11	2.5737	0.0007	21 28 36.2	6.399	0.353	81.1	130 138 383	21 3732
6954	9.1	14 38.57	2.5780	0.0007	21 18 50.1	6.417	0.354	81.1	130 138 384	21 3733
6955	8.9	14 45.77	2.5208	0.0009	23 31 50.0	6.427	0.345	81.5	280 284	23 3628
6956	9.2	19 14 51.47	+2.5242	+0.0009	+23 24 7.7	+6.434	+0.346	80.5	119 131	23 3629
6957	9.1	14 51.72	2.5507	0.0008	22 23 14.0	6.435	0.350	80.6	132 137	22 3661
6958	8.6	14 54.98	2.5458	0.0008	22 34 31.4	6.439	0.349	80.7	144 156	22 3662
6959	8.5	14 56.12	2.5955	0.0006	20 37 56.2	6.441	0.356	80.5	127 128	20 4108
6960	8.7	15 6.75	2.5722	0.0007	21 33 22.3	6.456	0.352	81.6	287 295	21 3736
6961	8.9	19 15 8.04	+2.4849	+0.0009	+24 53 39.6	+6.457	+0.340	81.2	139 141 385	24 3717
6962	8.1	15 8.99	2.5280	0.0008	23 16 1.0	6.459	0.346	80.7	146 152	23 3631
6963	9.2	15 10.97	2.5760	0.0007	21 24 30.8	6.461	0.353	81.2	130 138 387	21 3737
6964	8.1	15 25.59	2.5719	0.0007	21 34 44.1	6.482	0.352	81.8	287 295 382	21 3739
6965	9.1	15 26.87	2.4797	0.0010	25 5 41.0	6.483	0.339	81.2	142 154 383	25 3797
6966	8.9	19 15 31.30	+2.5276	+0.0008	+23 17 42.3	+6.489	+0.346	81.1	119 131 384	23 3633
6967	6.8	15 34.00	2.5620	0.0007	21 57 57.5	6.493	0.351	81.6	290 300 301	21 3740
6968	9.3	15 35.32	2.5397	0.0008	22 49 51.3	6.495	0.348	81.5	5 Beob.[1]	[22 3667]
6969	9.1	15 37.02	2.5396	0.0008	22 50 11.8	6.497	0.348	81.6	286 291 300	[22 3668]
6970	8.9	15 42.59	2.5401	0.0008	22 49 12.6	6.505	0.348	81.1	132 137 286 291	22 3669
6971	8.9	19 15 49.29	+2.5857	+0.0007	+21 2 40.1	+6.514	+0.354	80.6	130 138	21 3742
6972	8.1	15 53.08	2.5938	0.0006	20 43 43.4	6.519	0.355	80.5	127 128	20 4114
6973	8.8	16 10.53	2.5730	0.0007	21 33 21.4	6.544	0.352	81.9	287 295 385	21 3746
6974	8.8	16 15.98	2.5873	0.0007	20 59 47.5	6.551	0.354	81.8	287 295 384	20 4117
6975	8.4	16 30.30	2.5302	0.0008	23 13 35.1	6.571	0.346	80.8	5 Beob.[2]	23 3635
6976	7.4	19 16 37.82	+2.5550	+0.0008	+22 16 13.9	+6.581	+0.349	81.2	144 156 382	22 3674
6977	8.7	16 50.68	2.5303	0.0008	23 13 59.2	6.599	0.346	80.5	119 131	23 3637
6978	8.1	16 53.03	2.5545	0.0008	22 17 58.5	6.602	0.349	81.2	144 156 383	22 3675
6979	9.3	16 54.28	2.5438	0.0008	22 42 48.1	6.604	0.348	81.5	290	— —
6980	8.6	17 0.68	2.5435	0.0008	22 43 39.6	6.613	0.347	81.4	5 Beob.[3]	22 3677
6981	8.8	19 17 0.86	+2.5613	+0.0007	+22 2 25.8	+6.613	+0.350	82.5	385	[22 3676]
6982	9.0	17 8.42	2.5428	0.0008	22 45 37.4	6.623	0.347	81.5	284	[22 3678]
6983	9.2	17 8.49	2.5014	0.0009	24 20 31.2	6.623	0.342	81.2	139 141 387	24 3725
6984	8.0	17 10.26	2.5637	0.0007	21 57 1.6	6.626	0.350	80.6	130 138	21 3753
6985	9.2	17 10.33	2.6055	0.0006	20 17 50.0	6.626	0.356	80.5	127 128	20 4121
6986	7.8	19 17 32.03	+2.4925	+0.0009	+24 41 15.2	+6.656	+0.340	81.2	139 141 384	24 3727
6987	8.5	17 36.69	2.4819	0.0009	25 5 13.6	6.662	0.339	81.2	142 154 383	25 3810
6988	9.0	17 54.18	2.5599	0.0007	22 7 10.9	6.686	0.349	81.1	132 137 382	22 3681
6989	8.2	17 58.99	2.6052	0.0006	20 20 4.8	6.693	0.355	80.9	127 128 325	20 4123
6990	7.8	18 14.51	2.5183	0.0009	23 44 5.7	6.714	0.343	81.2	142 154 385	23 3641
6991	7.3	19 18 20.25	+2.6131	+0.0006	+20 1 23.2	+6.722	+0.356	80.5	129	[19 4000]
6992	8.0	18 24.40	2.5551	0.0007	22 19 24.9	6.728	0.348	81.2	132 137 387	22 3683
6993	8.9	18 38.37	2.5628	0.0007	22 1 43.0	6.747	0.349	81.2	144 156 383	21 3764
6994	8.3	18 50.10	2.5792	0.0007	21 23 23.6	6.763	0.351	80.9	130 138 287	21 3766
6995	8.7	18 52.19	2.6070	0.0006	20 17 18.0	6.766	0.355	81.1	127 128 382	20 4126
6996	9.0	19 18 55.08	+2.5797	+0.0007	+21 22 27.7	+6.770	+0.351	81.6	293 295 301	[21 3767]
6997	8.6	19 2.68	2.5454	0.0008	22 43 17.9	6.780	0.346	81.2	144 156 384	22 3684
6998	7.9	19 10.37	2.5825	0.0006	21 16 17.5	6.791	0.352	81.6	287 295	} 21 3768
6999	9.2	19 10.76	2.5824	0.0006	21 16 29.3	6.791	0.352	81.6	287 295	}
7000	9.1	19 12.22	2.5242	0.0008	23 32 35.0	6.793	0.343	80.5	119 131	23 3645

[1] Z. 280 284 286 290 291 [2] Z. 119 131 146 152 325 [3] Z. 132 280 284 293 300

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7001	7.7	19^h 19^m $20^s.03$	+2ˢ.5651	+0ˢ.0007	+21° 57′ 37″.1	+6″.804	+0″.349	81.2	130 138 385	21° 3769
7002	8.6	19 24.58	2.5517	0.0007	22 29 20.3	6.810	0.347	81.5	286 291	{22 3686
7003	8.6	19 24.68	2.5517	0.0007	22 29 20.0	6.811	0.347	80.6	132 137	
7004	8.9	19 26.87	2.5506	0.0008	22 31 50.9	6.814	0.347	81.9	286 291 387	22 3687
7005	8.1	19 28.66	2.5289	0.0008	23 22 18.3	6.816	0.344	81.2	146 152 384	23 3646
7006	9.0[1]	19 19 44.51	+2.5749	+0.0007	+21 35 22.8	+6.838	+0.350	81.6	287 295 301	{21 3772
7007	8.7[1]	19 44.53	2.5749	0.0007	21 35 21.5	6.838	0.350	81.2 80.9	144 156 293 325a	
7008	8.6	19 48.16	2.5652	0.0007	21 58 14.8	6.843	0.349	81.1	130 138 382	21 3773
7009	9.0	19 52.83	2.5244	0.0008	23 33 25.0	6.849	0.343	81.1	119 131 383	23 3648
7010	6.8	19 55.63	2.6143	0.0005	20 1 35.4	6.853	0.355	80.5	129	[19 4009]
7011	8.6	19 20 3.51	+2.5889	+0.0006	+21 2 40.3	+6.864	+0.352	80.5	127 128	21 3775
7012	6.3	20 15.36	2.4950	0.0009	24 41 14.0	6.880	0.339	81.2	139 141 385	24 3737
7013	9.1	20 20.26	2.5293	0.0008	23 23 5.8	6.887	0.344	80.6	119 131 146 152	23 3651
7014	8.8	20 29.18	2.4857	0.0009	25 2 42.6	6.899	0.337	81.2	142 154 384	25 3826
7015	8.7	20 40.01	2.4886	0.0009	24 56 32.0	6.914	0.338	81.3	142 154 387	24 3740
7016	9.1	19 20 40.50	+2.5033	+0.0009	+24 23 17.0	+6.914	+0.340	81.0	139 141 325	24 3741
7017	8.1	20 46.33	2.4923	0.0009	24 48 18.5	6.922	0.338	81.2	139 141 383	24 3742
7018	8.6	20 52.23	2.5523	0.0007	22 30 33.2	6.930	0.346	81.1	132 137 382	22 3693
7019	8.9	20 59.22	2.5390	0.0008	23 1 52.4	6.940	0.345	80.7	144 156	22 3695
7020	8.6	21 2.84	2.5628	0.0007	22 6 22.0	6.945	0.348	80.9	132 137 293	22 3696
7021	7.0	19 21 3.69	+2.6155	+0.0005	+20 0 36.9	+6.946	+0.355	80.5	129	[19 4019]
7022	7.5	21 22.02	2.5809	0.0006	21 24 13.1	6.971	0.350	81.2	130 138 385	21 3782
7023	8.6	21 24.13	2.5966	0.0006	20 46 46.2	6.974	0.352	81.8	287 295 383	20 4140
7024	7.9	21 24.21	2.5932	0.0006	20 54 48.1	6.974	0.352	80.8	127 128 290	{20 4139
7025	7.9	21 24.41	2.5933	0.0006	20 54 42.4	6.974	0.352	81.6	290 293 300 301	
7026	8.9	19 21 33.47	+2.5937	+0.0006	+20 54 2.4	+6.987	+0.352	81.1	127 128 384	20 4141
7027	6.9	21 34.52	2.5948	0.0006	20 51 21.9	6.988	0.352	80.5	127 128	20 4142
7028	8.2	21 55.09	2.6060	0.0005	20 25 4.1	7.016	0.353	81.9	287 295 387	{20 4146
7029	9.3	21 55.17	2.6060	0.0005	20 25 8.1	7.017	0.353	82.7	387	
7030	9.0	21 58.46	2.4862	0.0009	25 4 33.5	7.021	0.337	81.2	142 154 382	25 3838
7031	8.8	19 21 59.29	+2.5805	+0.0006	+21 26 24.8	+7.022	+0.350	80.9	130 138 325	21 3787
7032	9.2	22 10.81	2.5301	0.0008	23 24 58.3	7.038	0.343	80.5	119 131	23 3660
7033	8.2	22 16.62	2.5168	0.0008	23 55 44.8	7.046	0.341	80.7	142 154	23 3661
7034	8.3	22 20.49	2.5072	0.0009	24 17 55.9	7.051	0.339	81.2	139 141 385	24 3750
7035	7.0	22 26.92	2.6169	0.0005	19 59 41.1	7.060	0.354	80.5	129	[19 4028]
7036	8.6	19 22 38.52	+2.5794	+0.0006	+21 30 4.0	+7.076	+0.349	81.1	130 138 384	21 3790
7037	9.2	22 45.70	2.5211	0.0008	23 46 56.2	7.086	0.341	81.1	119 131 383	23 3662
7038	9.0	22 48.79	2.5466	0.0007	22 47 51.4	7.090	0.344	80.7	152	[22 3703]
7039	9.0	22 55.76	2.6155	0.0005	20 4 3.1	7.099	0.354	80.9	127 128 325	20 4153
7040	7.4	23 8.47	2.5554	0.0007	22 27 46.5	7.117	0.345	80.9	132 137 293	22 3705
7041	6.9	19 23 14.16	+2.4963	+0.0009	+24 44 27.2	+7.124	+0.337	81.2	139 141 382	24 3758
7042	9.4	23 14.88	2.5824	0.0006	21 24 10.9	7.125	0.349	81.7	317	— —
7043	8.9	23 15.96	2.5977	0.0006	20 47 29.7	7.127	0.351	81.9	287 295 387	20 4155
7044	8.0	23 18.73	2.5743	0.0007	21 43 33.2	7.131	0.348	81.6	290 300 301	21 3794
7045	8.1	23 26.97	2.5597	0.0007	22 18 16.3	7.142	0.346	80.7	144 156	22 3708
7046	4.2	19 23 30.20	+2.5052	+0.0009	+24 24 46.6	+7.146	+0.338	81.2	139 141 385	24 3759
7047	9.4	23 31.77	2.5572	0.0007	22 24 22.6	7.148	0.345	80.9	132 137 293	22 3709
7048	8.3	23 31.97	2.5465	0.0007	22 49 28.9	7.149	0.344	80.7	146 152	22 3710
7049	8.5	23 32.70	2.5835	0.0006	21 22 6.8	7.150	0.349	81.6	290 300 304	21 3795
7050	5.3	23 44.08	2.5029	0.0009	24 30 43.8	7.165	0.338	81.2	142 154 383	24 3761

[1] Dupl. pr. maj., med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7051	6.5	19h 23m 53s.72	+2s.6173	+0s.0005	+20° 1' 23".9	+7".178	+0".353	80.5	129	[19° 4039]
7052	9.0	24 2.47	2.5854	0.0006	21 18 34.4	7.190	0.349	81.6	290 300 301	21 3799
7053	8.3	24 5.67	2.5913	0.0006	21 4 31.5	7.195	0.350	81.8	287 295 384	21 3800
7054	9.0	24 31.39	2.4915	0.0009	24 58 11.8	7.230	0.336	81.3	146 152 387	24 3764
7055	7.1	24 33.05	2.5570	0.0007	22 26 52.3	7.232	0.345	80.7	144 156	22 3712
7056	8.8	19 24 44.19	+2.5334	+0.0008	+23 22 37.5	+7.247	+0.341	81.1	119 131 381	23 3668
7057	9.2	24 44.35	2.6168	0.0005	20 4 11.6	7.247	0.353	81.7	304 317	[20 4163]
7058	8.7	24 47.51	2.6168	0.0005	20 4 18.5	7.251	0.353	81.7	303 310	20 4164
7059	8.9	24 49.54	2.6093	0.0005	20 22 27.2	7.254	0.352	81.6	290 300 301	20 4165
7060	8.9	24 51.97	2.5577	0.0007	22 25 51.3	7.257	0.345	80.7	144 156	22 3714
7061	7.4	19 24 52.16	+2.4965	+0.0009	+24 47 47.1	+7.258	+0.336	80.7	146 152	24 3765
7062	9.0	25 0.77	2.5149	0.0008	24 6 3.7	7.269	0.339	81.5	280	[24 3766]
7063	8.1	25 4.43	2.5628	0.0007	22 14 25.5	7.274	0.345	81.7	304 317	22 3718
7064	8.6	25 4.87	2.6067	0.0005	20 29 19.3	7.275	0.351	81.7	303 310	20 4167
7065	8.9	25 7.47	2.5299	0.0008	23 31 32.7	7.279	0.341	82.0	311 325 381	23 3670
7066	8.3	19 25 11.28	+2.5134	+0.0008	+24 9 40.8	+7.284	+0.338	81.7	284 306 313	24 3767
7067	8.8	25 16.03	2.5505	0.0007	22 43 38.8	7.290	0.343	82.0	311 325 381	22 3719
7068	6.8	25 25.37	2.4953	0.0009	24 51 35.6	7.303	0.336	80.7	146 152	24 3768
7069	8.8	25 27.51	2.5960	0.0006	20 55 58.0	7.306	0.349	81.7	303 310	20 4170
7070	8.8	25 29.90	2.6048	0.0005	20 34 49.6	7.309	0.351	81.6	290 301	20 4172
7071	9.2	19 25 31.63	+2.5004	+0.0009	+24 40 10.5	+7.311	+0.336	81.5	280 284	24 3769
7072	8.9	25 36.13	2.5559	0.0007	22 31 48.4	7.317	0.344	80.7	144 156	22 3721
7073	8.8	25 47.47	2.5758	0.0006	21 44 56.5	7.333	0.347	81.7	304 317	21 3807
7074	9.0	26 30.00	2.5555	0.0007	22 34 37.6	7.391	0.343	80.7	144 156	22 3724
7075	8.6	26 31.12	2.5939	0.0006	21 3 2.1	7.392	0.349	81.7	303 310	21 3810
7076	7.4	19 26 36.33	+2.6036	+0.0005	+20 39 54.3	+7.399	+0.350	81.6	290 300	20 4175
7077	8.8	26 40.92	2.5500	0.0007	22 47 51.6	7.405	0.343	81.7	311 324	22 3726
7078	8.8	26 41.19	2.6025	0.0005	20 42 36.2	7.406	0.350	81.6	290 301	20 4176
7079	8.9	26 48.11	2.5760	0.0006	21 46 36.3	7.415	0.346	81.7	304 317	21 3813
7080	9.0	27 4.66	2.5281	0.0008	23 39 53.2	7.438	0.339	80.7	146 152	23 3678
7081	8.4	19 27 5.15	+2.5632	+0.0007	+22 17 34.9	+7.438	+0.344	81.7	306 313	22 3727
7082	8.3	27 7.75	2.5458	0.0007	22 58 42.7	7.442	0.342	81.5	280 284 301	22 3728
7083	8.5	27 17.31	2.5722	0.0006	21 56 36.3	7.455	0.345	81.7	304 317	21 3815
7084	9.0	27 18.03	2.5874	0.0006	21 20 10.1	7.456	0.347	81.7	303 310	21 3816
7085	9.0	27 20.03	2.4893	0.0009	25 9 30.9	7.458	0.334	80.7	142 154	25 3868
7086	9.1	19 27 28.09	+2.5291	+0.0008	+23 38 27.4	+7.469	+0.339	80.7	146 152	23 3682
7087	8.1	27 32.65	2.5913	0.0006	21 11 20.7	7.475	0.348	81.1	130 138 384	21 3819
7088	8.2	27 35.46	2.6026	0.0005	20 44 11.1	7.479	0.349	81.6	290 300	20 4178
7089	9.0	27 46.78	2.5590	0.0007	22 29 3.5	7.495	0.343	81.3	144 156 387	22 3731
7090	7.7	27 49.64	2.6174	0.0005	20 8 39.8	7.498	0.351	81.9	304 317 383	20 4179
7091	7.0	19 28 2.95	+2.5820	+0.0006	+21 34 42.4	+7.516	+0.346	81.7	303 310	21 3822
7092	8.0	28 8.85	2.5403	0.0008	23 13 45.1	7.524	0.340	81.5	280 284	23 3684
7093	9.0	28 11.78	2.5253	0.0008	23 48 55.0	7.528	0.338	81.2	146 152 385	23 3685
7094	9.0	28 23.13	2.5906	0.0006	21 14 49.7	7.544	0.347	80.6	130 138	21 3825
7095	9.3	28 25.71	2.5061	0.0009	24 33 44.2	7.547	0.335	80.7	139 141 142 154	24 3778
7096	8.3	19 28 31.71	+2.5237	+0.0008	+23 53 20.0	+7.555	+0.338	81.8	280 284 384	23 3689
7097	8.5	28 35.97	2.5791	0.0006	21 42 57.7	7.561	0.345	81.6	290 300 301 303	21 3826
7098	8.3	28 39.56	2.5783	0.0006	21 44 58.8	7.566	0.345	81.7	290 304 317	21 3827
7099	8.7	28 50.36	2.5129	0.0008	24 19 3.4	7.580	0.336	80.7	139 141	24 3780
7100	9.0	28 58.01	2.5863	0.0006	21 26 20.8	7.591	0.346	81.2	130 138 387	21 3829

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7101	7.8	19h 29m 2s.40	+2s.4931	+0s.0009	+25° 4′ 55″.7	+7″.597	+0″.333	81.2	142 154 383	25° 3877
7102	8.4	29 5.47	2.5842	0.0006	21 31 41.4	7.601	0.345	81.7	301 310	21 3831
7103	8.9	29 22.73	2.5305	0.0008	23 39 34.7	7.624	0.338	81.2	144 156 385	23 3693
7104	8.3	29 25.42	2.5316	0.0008	23 37 2.3	7.628	0.338	80.7	144 156	23 3694
7105	9.0	29 34.43	2.6145	0.0005	20 19 13.4	7.640	0.349	81.7	304 317	20 4189
7106	8.5	19 29 37.94	+2.4990	+0.0009	+24 52 48.3	+7.645	+0.334	81.5	280 284	24 3785
7107	8.8	29 39.53	2.5422	0.0007	23 12 41.1	7.647	0.339	80.7	146 152	23 3697
7108	8.6	29 43.23	2.5141	0.0008	24 18 25.6	7.652	0.336	81.2	139 141 384	24 3786
7109	8.1	29 43.78	2.5425	0.0007	23 12 5.4	7.653	0.339	81.7	311 324	23 3699
7110	7.5	29 45.93	2.5759	0.0006	21 53 7.2	7.655	0.344	80.6	130 138	21 3836
7111	8.6	19 29 49.03	+2.5024	+0.0009	+24 45 27.3	+7.660	+0.334	81.7	306 313	24 3788
7112	9.0	29 55.64	2.6206	0.0004	20 4 53.7	7.669	0.350	81.7	303 310	20 4190
7113	8.8	29 57.40	2.5119	0.0008	24 23 59.9	7.671	0.335	80.6	139 141	24 3789
7114	8.8	30 3.16	2.6077	0.0005	20 36 48.9	7.679	0.348	81.7	304 317	20 4191
7115	8.4	30 5.64	2.6093	0.0005	20 32 52.6	7.682	0.348	82.0	319 325 381	20 4193
7116	8.7	19 30 10.51	+2.6010	+0.0005	+20 53 22.4	+7.689	+0.347	81.6	290 300	20 4194
7117	8.8	30 11.15	2.5536	0.0007	22 47 3.4	7.689	0.341	81.7	306 313	22 3736
7118	8.9	30 16.50	2.4985	0.0009	24 55 26.5	7.697	0.333	80.7	142 154	24 3793
7119	8.0	30 16.76	2.5677	0.0007	22 13 38.5	7.697	0.343	81.9	301 319 384	22 3737
7120	8.1	30 20.32	2.5769	0.0006	21 51 56.3	7.702	0.344	81.2	130 138 385	21 3838
7121	9.0	19 30 21.31	+2.4998	+0.0009	+24 52 45.6	+7.703	+0.333	81.5	280 284	24 3795
7122	8.9	30 23.44	2.6172	0.0005	20 14 10.7	7.706	0.349	81.7	303 310	20 4195
7123	8.7	30 26.92	2.5485	0.0007	22 59 44.2	7.711	0.340	81.7	311 324	22 3738
7124	9.4	30 29.69	2.5410	0.0008	23 17 20.0	7.714	0.339	80.7	144 156	23 3705
7125	8.8	30 31.38	2.6061	0.0005	20 41 48.8	7.717	0.347	81.7	304 317	20 4197
7126	7.5	19 30 34.71	+2.4995	+0.0009	+24 53 57.1	+7.721	+0.333	80.7	146 152	24 3797
7127	8.3	30 39.34	2.5337	0.0008	23 34 51.8	7.727	0.338	81.7	311 324	23 3706
7128	6.3	30 47.52	2.5661	0.0007	22 18 35.7	7.738	0.342	81.7	301 319	22 3741
7129	8.3[1]	30 50.83	2.5114	0.0008	24 27 10.0	7.743	0.335	80.6	139 141	24 3798
7130	8.9	30 54.03	2.5737	0.0006	22 0 44.1	7.747	0.343	81.7	306 313	21 3841
7131	8.5	19 30 54.34	+2.5816	+0.0006	+21 41 44.2	+7.748	+0.344	82.2	325 381 382	21 3842
7132	8.8	30 57.90	2.4970	0.0009	25 0 33.6	7.752	0.333	80.7	142 154	24 3799
7133	8.8	30 58.64	2.5794	0.0006	21 47 9.9	7.753	0.344	82.2	325 381 383	21 3843
7134	7.9	31 2.29	2.5384	0.0008	23 24 46.3	7.758	0.338	80.7	144 156	23 3707
7135	8.1	31 9.96	2.6223	0.0004	20 3 20.5	7.769	0.349	81.6	290 300	20 4200
7136	8.5	19 31 10.22	+2.5031	+0.0009	+24 47 13.4	+7.769	+0.333	81.8	280 284 384	24 3801
7137	8.6	31 10.70	2.6087	0.0005	20 36 35.1	7.770	0.347	81.7	303 310	20 4201
7138	8.9	31 10.78	2.5660	0.0007	22 19 48.6	7.770	0.342	81.7	301 319	22 3742
7139	8.3	31 13.09	2.5306	0.0008	23 43 34.5	7.773	0.337	81.7	311 324	23 3711
7140	8.9	31 13.94	2.5007	0.0009	24 52 48.0	7.774	0.333	81.2	146 152 383	24 3802
7141	8.5[2]	19 31 15.30	+2.5048	+0.0009	+24 43 26.2	+7.776	+0.333	82.3	325 381 387	24 3803
7142	9.1	31 18.39	2.5114	0.0008	24 28 20.0	7.780	0.334	80.6	139 141	24 3806
7143	8.6	31 21.86	2.5204	0.0008	24 7 33.6	7.785	0.335	81.7	306 313	24 3807
7144	8.9	31 32.11	2.6073	0.0005	20 40 54.8	7.798	0.347	81.9	304 317 384	20 4203
7145	8.9	31 32.27	2.5587	0.0007	22 38 0.7	7.799	0.340	82.0	301 319 387	22 3744
7146	8.3[3]	19 31 34.25	+2.5044	+0.0009	+24 45 7.3	+7.801	+0.333	82.0	280 284 382 385	24 3809
7147	9.1	31 34.27	2.4977	0.0009	25 0 36.4	7.801	0.332	81.9	306 313 383	24 3810
7148	8.4	31 35.67	2.5427	0.0007	23 15 50.9	7.803	0.338	81.7	311 324	23 3714
7149	7.0	31 43.69	2.5816	0.0006	21 43 37.8	7.814	0.343	80.6	130 138	21 3849
7150	8.6	31 59.48	2.4944	0.0009	25 9 6.8	7.835	0.331	80.7	142 154	25 3893

[1] Z. 139 oblonga? [2] Dupl. maj. pr. [3] Seq. bor.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7151	8.8	19^h 32^m $1^s.90$	$+2^s.5199$	$+0^s.0008$	+24° 10′ 22″.8	$+7^s.838$	$+0^s.335$	82.0	284 382	24° 3813
7152	8.7	32 2.99	2.5934	0.0006	21 15 40.9	7.840	0.345	82.1	304 381	21 3851
7153	9.0[1]	32 3.14	2.5617	0.0007	22 32 3.9	7.840	0.341	81.3	144 156 387	22 3746
7154	9.0	32 12.57	2.5630	0.0007	22 29 11.8	7.853	0.341	82.1	301 382	22 3747
7155	8.6	32 12.69	2.5769	0.0006	21 56 4.8	7.853	0.342	80.6	130 138	21 3852
7156	8.0	19 32 27.80	+2.5253	+0.0008	+23 58 50.5	+7.873	+0.335	81.9	306 313 383	23 3717
7157	9.1	32 28.99	2.5406	0.0008	23 23 4.9	7.875	0.337	81.7	311 324	23 3718
7158	8.8	32 31.75	2.5984	0.0005	21 4 41.8	7.878	0.345	81.7	303 310	21 3854
7159	7.4	32 31.81	2.5626	0.0007	22 31 1.2	7.878	0.340	82.0	319 325 384	22 3749
7160	7.8	32 33.79	2.5058	0.0008	24 44 12.5	7.881	0.333	80.7	146 152	24 3814
7161	7.8	19 32 39.60	+2.5139	+0.0008	+24 25 53.8	+7.889	+0.334	80.6	139 141	24 3815
7162	6.8	32 51.23	2.6128	0.0005	20 30 8.5	7.905	0.347	81.6	290 300	20 4210
7163	7.7	32 51.95	2.5857	0.0006	21 36 12.5	7.905	0.343	81.7	304 317	21 3856
7164	8.6	33 1.46	2.5619	0.0007	22 33 47.1	7.918	0.340	80.7	144 156	22 3751
7165	9.2	33 14.88	2.5010	0.0009	24 56 57.8	7.936	0.332	81.0	142 154 325	24 3820
7166	7.3	19 33 18.60	+2.5572	+0.0007	+22 45 33.9	+7.941	+0.339	82.0	301 319 387	22 3752
7167	8.4	33 22.97	2.5856	0.0006	21 37 28.1	7.947	0.343	81.7	304 317	21 3858
7168	7.7	33 26.44	2.5555	0.0007	22 49 50.4	7.952	0.339	81.7	306 313	22 3754
7169	8.4	33 47.63	2.5009	0.0009	24 58 39.4	7.980	0.331	81.2	146 152 382	24 3825
7170	7.5	34 4.03	2.5777	0.0006	21 58 14.7	8.002	0.341	80.6	130 138	21 3862
7171	7.7	19 34 5.53	+2.6003	+0.0005	+21 3 28.2	+8.004	+0.344	81.7	303 310	21 3863
7172	9.0	34 9.57	2.5369	0.0008	23 35 41.4	8.009	0.336	81.8	280 284 384	23 3725
7173	8.8	34 10.15	2.5025	0.0009	24 55 58.6	8.010	0.331	80.7	142 154	24 3827
7174	8.7	34 10.66	2.6141	0.0005	20 29 50.5	8.011	0.346	81.6	290 300	20 4215
7175	8.3	34 10.98	2.5661	0.0007	22 26 21.5	8.011	0.340	80.7	144 156	22 3757
7176	8.9	19 34 13.52	+2.5065	+0.0009	+24 46 39.9	+8.015	+0.332	80.6	139 141	24 3828
7177	8.8	34 16.22	2.6234	0.0004	20 7 4.5	8.018	0.347	81.6	290 300 303	20 4216
7178	8.5	34 22.97	2.5836	0.0006	21 44 30.1	8.027	0.342	81.2	130 138 387	21 3864
7179	8.6	34 34.27	2.5952	0.0006	21 16 53.8	8.042	0.343	81.7	304 317	21 3867
7180	6.4	34 36.28	2.5205	0.0008	24 15 4.8	8.045	0.333	80.7	146 152	24 3832
7181	9.2	19 34 37.16	+2.5523	+0.0007	+23 0 23.6	+8.046	+0.338	81.7	301 319	} 22 3760
7182	9.3	34 38.56	2.5524	0.0007	23 0 12.9	8.048	0.338	82.0	310 325 387	
7183	8.6	34 52.10	2.5470	0.0007	23 13 30.9	8.066	0.337	81.7	311 324	23 3728
7184	9.0	34 52.31	2.5066	0.0009	24 48 15.6	8.067	0.331	80.6	139 141	24 3834
7185	7.9	34 54.50	2.5376	0.0008	23 35 51.2	8.069	0.335	81.8	280 284 383	23 3729
7186	8.9	19 34 58.68	+2.5344	+0.0008	+23 43 27.0	+8.075	+0.335	81.7	306 313	23 3730
7187	9.0	34 58.76	2.5641	0.0007	22 32 56.3	8.075	0.339	80.7	144 156	22 3761
7188	7.4	35 0.53	2.6223	0.0004	20 11 21.1	8.077	0.347	81.8	290 300 303 384	20 4218
7189	7.2	35 4.95	2.5481	0.0007	23 11 29.9	8.083	0.337	81.7	311 324	23 3731
7190	9.0	35 6.09	2.4989	0.0009	25 6 28.3	8.085	0.330	80.7	142 154	25 3915
7191	8.2	19 35 7.91	+2.5955	+0.0006	+21 17 16.9	+8.087	+0.343	81.7	304 317	21 3868
7192	9.0	35 11.26	2.5965	0.0006	21 15 6.7	8.092	0.343	82.5	381 385	21 3870
7193	8.7	35 11.61	2.5809	0.0006	21 52 59.8	8.092	0.341	80.6	130 138	21 3871
7194	8.7	35 18.61	2.5936	0.0006	21 22 27.5	8.102	0.343	82.5	381 385	21 3872
7195	6.9	35 21.76	2.5423	0.0008	23 25 46.5	8.106	0.336	81.5	280 284	23 3733
7196	8.9	19 35 28.44	+2.5726	+0.0006	+22 13 36.0	+8.115	+0.340	82.5	381 385	22 3764
7197	8.5	35 29.71	2.5421	0.0008	23 26 32.8	8.116	0.336	81.5	280 284	23 3734
7198	8.1	35 32.02	2.5207	0.0008	24 17 1.1	8.119	0.333	80.6	139 141	24 3838
7199	8.8	35 32.48	2.5544	0.0007	22 57 31.7	8.120	0.337	81.7	301 319	22 3765
7200	8.8	35 34.66	2.4967	0.0009	25 12 46.8	8.123	0.329	81.2	146 152 384	25 3922

[1] Com. $9^m.5$

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7201	8.2	$19^h\ 35^m\ 38^s.84$	$+2^s.5484$	$+0^s.0007$	+23° 11' 56".5	+8".129	+0".336	81.7	311 324	23° 3736
7202	9.1	35 39.09	2.5483	0.0007	23 12 22.0	8.129	0.336	82.0	311 324 387	23 3737
7203	8.7	35 42.69	2.5324	0.0008	23 50 2.2	8.134	0.334	81.7	306 313	23 3738
7204	8.8	35 50.65	2.5542	0.0007	22 58 45.5	8.144	0.337	81.7	301 319	22 3766
7205	6.6	35 52.76	2.5746	0.0006	22 9 45.2	8.147	0.340	81.2	144 156 383	22 3767
7206	8.8	19 36 8.26	+2.6090	+0.0005	+20 46 38.1	+8.168	+0.344	81.6	290 300 303	20 4227
7207	8.7	36 10.36	2.5534	0.0007	23 1 29.0	8.171	0.337	81.7	311 324	22 3769
7208	9.0	36 16.43	2.5242	0.0008	24 10 42.4	8.179	0.333	80.7	146 152 154	24 3842
7209	8.9	36 21.25	2.6094	0.0005	20 45 58.9	8.185	0.344	81.6	290 303	20 4229
7210	8.6	36 22.48	2.5340	0.0008	23 47 52.8	8.187	0.334	81.7	306 313	23 3739
7211	8.5	19 36 32.77	+2.5521	+0.0007	+23 5 29.7	+8.200	+0.336	81.7	311 324	23 3740
7212	8.5	36 34.28	2.6081	0.0005	20 49 37.8	8.202	0.344	81.7	304 317	20 4233
7213	8.5	36 35.23	2.5998	0.0005	21 10 8.4	8.204	0.342	82.2	325 382 383	21 3878
7214	8.9	36 37.59	2.5797	0.0006	21 59 13.5	8.207	0.340	81.1	130 138 384	21 3877
7215	8.2	36 40.31	2.6109	0.0005	20 43 0.6	8.210	0.344	82.5	382 385	20 4234
7216	8.6	19 36 48.54	+2.5185	+0.0008	+24 25 18.6	+8.221	+0.331	80.6	139 141	24 3844
7217	8.8	36 55.21	2.5865	0.0006	21 43 22.4	8.230	0.340	82.1	319 385	21 3880
7218	9.0	37 1.93	2.5890	0.0006	21 37 27.6	8.239	0.341	82.2	325 381 383	21 3881
7219	9.0	37 16.56	2.5164	0.0008	24 31 22.2	8.259	0.331	80.7	142 154	24 3847
7220	9.0	37 22.10	2.6095	0.0005	20 48 1.0	8.266	0.343	81.7	300 303 310	20 4238
7221	6.0	19 37 27.17	+2.5663	+0.0007	+22 33 27.1	+8.273	+0.337	80.7	144 156	22 3776
7222	9.1	37 28.89	2.6132	0.0005	20 39 7.0	8.275	0.344	82.6	382 387	[20 4240]
7223	8.3	37 30.72	2.5511	0.0007	23 10 7.6	8.277	0.335	80.7	146 152	23 3745
7224	9.0	37 31.76	2.6132	0.0005	20 39 15.8	8.279	0.344	81.7	304 317	20 4241
7225	8.9	37 37.37	2.5580	0.0007	22 53 59.5	8.286	0.336	82.1	301 381	22 3779
7226	8.9	19 37 41.49	+2.5543	+0.0007	+23 2 51.4	+8.292	+0.336	81.7	311 324	23 3746
7227	8.2	37 42.16	2.5803	0.0006	22 0 24.4	8.293	0.339	80.6	130 138	21 3885
7228	8.8	37 49.59	2.6022	0.0005	21 6 59.3	8.303	0.342	82.1	325 382	21 3888
7229	7.2	37 50.91	2.5225	0.0008	24 18 40.9	8.304	0.331	80.6	139 141	24 3849
7230	9.0	37 51.50	2.5557	0.0007	23 0 1.9	8.305	0.336	81.7	301 306 313	22 3782
7231	6.8	19 38 3.04	+2.5758	+0.0006	+22 11 56.1	+8.320	+0.338	82.1	319 385	22 3784
7232	9.0	38 9.49	2.5590	0.0007	22 52 53.4	8.329	0.336	80.7	144 156	22 3786
7233	8.9	38 23.71	2.6149	0.0005	20 36 56.9	8.348	0.343	81.7	304 317	20 4248
7234	8.6	38 26.32	2.6201	0.0004	20 24 17.8	8.351	0.344	81.7	303 310	20 4249
7235	8.9	38 27.34	2.5729	0.0006	22 20 4.6	8.353	0.338	81.7	306 313	22 3790
7236	8.9	19 38 36.83	+2.5470	+0.0007	+23 22 37.5	+8.365	+0.334	81.5	280 284	23 3751
7237	9.0	38 36.83	2.6209	0.0004	20 22 43.4	8.365	0.344	82.0	303 310 387	20 4251
7238	9.2	38 40.38	2.5553	0.0007	23 2 52.8	8.370	0.335	81.7	311 324	23 3752
7239	9.2	38 52.71	2.6052	0.0005	21 2 12.7	8.386	0.342	81.7	304 317	20 4252
7240	8.6	38 52.71	2.5132	0.0009	24 42 58.3	8.386	0.329	80.6	139 141	24 3856
7241	8.8	19 39 18.88	+2.5346	+0.0008	+23 53 52.2	+8.421	+0.332	80.7	142 154	23 3756
7242	8.6	39 20.27	2.5747	0.0006	22 17 45.5	8.423	0.337	81.7	301 319	22 3795
7243	8.6	39 22.19	2.5755	0.0006	22 15 57.5	8.425	0.337	81.7	301 319	22 3796
7244	8.9	39 25.15	2.6029	0.0005	21 9 3.5	8.429	0.341	82.1	325 381	21 3899
7245	9.0	39 44.87	2.6163	0.0005	20 36 45.4	8.455	0.342	82.7	387	} 20 4258
7246	8.4	19 39 45.31	+2.6163	+0.0005	+20 36 46.3	+8.456	+0.342	81.9	290 300 387	}
7247	9.1	39 47.18	2.6177	0.0005	20 33 19.0	8.458	0.343	81.7	300 303 310	20 4259
7248	8.6	39 55.23	2.5390	0.0008	23 45 0.6	8.469	0.332	81.7	311 324	23 3759
7249	7.0	40 6.60	2.5419	0.0008	23 38 28.6	8.484	0.332	81.7	306 313	23 3760
7250	8.7	40 6.69	2.5323	0.0008	24 1 24.1	8.484	0.331	80.6	139 141	23 3761

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7251	9.1	19h 40m 13s.09	+2s.5021	+0s.0009	+25° 12' 35".6	+8".493	+0".327	80.7	142 154	25° 3948
7252	8.2	40 24.21	2.5842	0.0006	21 57 14.9	8.507	0.338	80.6	130 138	21 3902
7253	9.1	40 27.08	2.5237	0.0008	24 22 28.4	8.511	0.330	80.6	139 141	24 3867
7254	9.0	40 28.09	2.5611	0.0007	22 53 33.4	8.512	0.335	81.7	306 313	22 3800
7255	8.0	40 36.75	2.5387	0.0008	23 47 36.5	8.524	0.332	81.7	311 324	23 3767
7256	9.2	19 40 42.20	+2.6272	+0.0004	+20 11 45.0	+8.531	+0.343	81.7	303 304 317	20 4268
7257	8.6	40 52.16	2.6171	0.0005	20 37 21.5	8.544	0.342	82.3	300 383 387	20 4270
7258	8.1	40 56.96	2.5796	0.0006	22 9 54.4	8.550	0.337	82.2	325 383	22 3803
7259	8.2	40 59.57	2.5119	0.0009	24 51 48.5	8.554	0.328	82.1	325 382	24 3872
7260	8.6	41 0.54	2.6298	0.0004	20 5 46.5	8.555	0.343	81.7	304 317	20 4272
7261	9.0	19 41 0.57	+2.6070	+0.0005	+21 2 38.6	+8.555	+0.340	80.6	130 138	21 3905
7262	8.7	41 8.06	2.5453	0.0008	23 33 3.6	8.565	0.332	81.7	311 324	23 3769
7263	8.6	41 10.43	2.5217	0.0008	24 29 14.3	8.568	0.329	82.5	384 385	24 3874
7264	6.4	41 24.63	2.5132	0.0009	24 49 43.2	8.587	0.328	82.1	325 382	24 3877
7265	9.0	41 37.29	2.6038	0.0005	21 12 1.8	8.604	0.339	81.7	303 304 317	21 3908
7266	9.0	19 41 47.62	+2.5210	+0.0009	+24 32 32.7	+8.617	+0.328	80.7	139 141	24 3881
7267	8.8	41 50.26	2.5606	0.0007	22 58 4.4	8.621	0.333	82.5	383 385	22 3808
7268	6.4	41 53.76	2.5977	0.0005	21 27 51.7	8.625	0.338	80.6	130 138	21 3909
7269	9.0	41 59.38	2.5975	0.0005	21 28 33.6	8.633	0.338	81.2	130 138 387	21 3910
7270	8.7	42 0.00	2.5905	0.0006	21 45 43.6	8.634	0.337	82.5	381 385	21 3912
7271	9.0	19 42 3.98	+2.5179	+0.0009	+24 40 29.9	+8.639	+0.328	82.1	325 382	24 3882
7272	8.3	42 6.66	2.5446	0.0008	23 37 17.5	8.642	0.331	81.7	311 324	23 3773
7273	8.9	42 10.16	2.6055	0.0005	21 9 14.8	8.647	0.339	81.7	303 304 317	21 3914
7274	8.3	42 32.17	2.5871	0.0006	21 55 29.5	8.676	0.336	82.5	383 385	21 3917
7275	5.8	42 34.35	2.5083	0.0009	25 4 34.7	8.679	0.326	82.1	325 382	25 3972
7276	8.3	19 42 36.51	+2.5375	+0.0008	+23 55 34.5	+8.682	+0.330	81.7	311 324	23 3777
7277	7.5	42 49.98	2.5744	0.0007	22 27 12.5	8.699	0.335	80.7	144 156	22 3812
7278	8.9	42 51.85	2.6083	0.0005	21 3 59.0	8.702	0.339	81.7	303 310	21 3920
7279	8.7[1]	42 58.67	2.5884	0.0006	21 53 22.9	8.711	0.336	82.6	384 387	
	...[1]	42 58.65	2.5884	0.0006	21 53	8.711	0.336	82.7	387	21 3921
7280	8.5[1]	42 58.79	2.5884	0.0006	21 53 21.9	8.711	0.336	82.6	384 387	
7281	8.9	19 43 2.33	+2.5942	+0.0006	+21 39 9.8	+8.716	+0.337	81.1	130 138 304 317	21 3922
7282	8.7	43 6.30	2.5944	0.0006	21 38 57.4	8.721	0.337	81.8	319 328	21 3924
7283	6.9	43 6.71	2.5185	0.0009	24 41 58.6	8.721	0.327	80.6	139 141	24 3889
7284	9.3	43 14.03	2.5794	0.0006	22 15 59.8	8.731	0.335	82.5	381 383 385	22 3813
7285	9.0	43 14.59	2.5199	0.0009	24 39 5.0	8.732	0.327	81.7	306 313	24 3891
7286	8.4	19 43 16.73	+2.5939	+0.0006	+21 40 27.8	+8.734	+0.337	81.8	319 328	21 3926
7287	7.5	43 19.24	2.5200	0.0009	24 39 6.1	8.738	0.327	80.6	139 141	24 3892
7288	8.7	43 20.00	2.5779	0.0006	22 20 6.4	8.739	0.335	80.7	144 156	22 3814
7289	8.6	43 33.72	2.6318	0.0004	20 6 50.2	8.757	0.342	82.1	325 382	20 4287
7290	8.6	43 43.95	2.5270	0.0008	24 23 31.9	8.770	0.328	81.7	306 313	24 3896
7291	9.2	19 43 45.56	+2.5950	+0.0006	+21 38 58.1	+8.772	+0.337	81.1	138 301	21 3930
7292	9.0	43 48.70	2.5965	0.0006	21 35 27.8	8.776	0.337	81.7	315 321	21 3931
7293	8.6	43 49.71	2.5572	0.0007	23 11 37.5	8.778	0.332	80.7	146 152	23 3789
7294	9.1	43 59.01	2.5638	0.0007	22 56 3.5	8.790	0.332	81.0	162 167 310	22 3822
7295	8.2	44 9.04	2.5071	0.0009	25 11 36.8	8.803	0.325	80.7	142 154	25 3986
7296	8.9	19 44 13.57	+2.5754	+0.0007	+22 28 19.4	+8.809	+0.334	81.7	315 321	22 3823
7297	8.7	44 19.07	2.5793	0.0006	22 19 8.3	8.816	0.334	80.7	144 156	22 3824
7298	8.9	44 20.92	2.6280	0.0004	20 18 14.8	8.819	0.341	80.7	158 159	20 4295
7299	9.0	44 21.71	2.5325	0.0008	24 12 11.1	8.820	0.328	80.6	139 141	24 3898
7300	8.8	44 24.37	2.5703	0.0007	22 41 25.7	8.823	0.333	82.0	311 324 381	22 3825

[1] Dupl. pr. med. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7301	9.0	19h 44m 50s.82	+2s.5630	+0s.0007	+23° 0′ 9″.9	+8″.858	+0″.332	81.0	162 167 310	22° 3826
7302	9.2	44 54.58	2.5791	0.0007	22 21 3.4	8.863	0.334	82.5	383 385	22 3827
7303	8.9	44 54.59	2.5792	0.0006	22 20 59.2	8.863	0.334	82.0	315 321 382	
7304	8.6	44 55.10	2.5937	0.0006	21 45 5.0	8.863	0.336	80.9	130 138 319	21 3938
7305	8.7	44 58.04	2.5693	0.0007	22 45 13.2	8.867	0.332	81.1	162 167 319	22 3829
7306	9.1	19 45 1.68	+2.5139	+0.0009	+24 58 14.0	+8.872	+0.325	81.0	142 154 301	24 3903
7307	8.2	45 4.49	2.6297	0.0004	20 15 42.7	8.876	0.340	81.3	158 159 387	20 4300
7308	8.9	45 5.01	2.6039	0.0005	21 20 22.4	8.876	0.337	81.9	290 303 384	21 3940
7309	8.5	45 8.32	2.5426	0.0008	23 50 20.9	8.881	0.329	81.9	280 284 388	23 3798
7310	9.0	45 16.11	2.5549	0.0007	23 20 58.8	8.891	0.330	81.0	146 152 324	23 3799
7311	9.0	19 45 16.49	+2.5599	+0.0007	+23 8 53.4	+8.891	+0.331	81.5	280 284	23 3800
7312	6.5	45 17.44	2.5930	0.0006	21 47 50.3	8.893	0.335	81.1	130 138 381	21 3941
7313	9.0	45 30.85	2.6126	0.0005	20 59 36.8	8.910	0.338	81.0	158 159 328	20 4302
7314	9.0	45 36.62	2.5905	0.0006	21 54 49.7	8.918	0.335	81.7	5 Beob.[1]	21 3943
7315	7.3	45 38.42	2.5313	0.0008	24 18 37.4	8.920	0.327	81.2	139 141 384	24 3907
7316	4.7	19 45 41.19	+2.5814	+0.0006	+22 17 35.8	+8.924	+0.333	81.2	144 156 383	22 3833
7317	8.8	45 55.98	2.5910	0.0006	21 54 33.9	8.943	0.334	81.6	290 300 304 317	21 3946
7318	8.7	46 7.70	2.5702	0.0007	22 46 0.9	8.958	0.332	81.2	162 167 306 313	22 3837
7319	8.5[2]	46 8.71	2.5593	0.0007	23 12 41.6	8.960	0.330	81.0	146 152 319	23 3807
7320	8.1	46 9.21	2.5898	0.0006	21 57 58.4	8.960	0.334	81.6	290 300 328	21 3949
7321	8.4	19 46 11.19	+2.5397	+0.0008	+24 0 11.3	+8.963	+0.328	81.3	142 154 387	23 3808
7322	8.3	46 12.53	2.5929	0.0006	21 50 21.7	8.965	0.334	81.1	130 138 382	21 3950
7323	9.1	46 12.60	2.5710	0.0007	22 44 17.7	8.965	0.332	81.7	306 313	— —
7324	7.7	46 30.17	2.6230	0.0004	20 35 54.0	8.988	0.338	81.2	158 159 383	20 4308
7325	9.2	46 40.78	2.5496	0.0008	23 37 45.1	9.001	0.328	81.6	280 284 324	23 3811
7326	9.1	19 46 42.84	+2.5622	+0.0007	+23 7 10.1	+9.004	+0.330	81.3	146 152 388	23 3812
7327	8.4	46 44.43	2.5664	0.0007	22 57 7.8	9.006	0.331	80.7	144 156	22 3838
7328	4.8	46 46.09	2.5235	0.0009	24 40 20.3	9.008	0.325	80.6	139 141	24 3914
7329	8.8	46 49.45	2.5966	0.0006	21 42 54.0	9.013	0.334	81.6	290 301 303	21 3953
7330	8.7	46 50.79	2.5623	0.0007	23 7 21.2	9.014	0.330	81.8	280 284 384	23 3813
7331	8.9	19 46 58.35	+2.5706	+0.0007	+22 47 27.2	+9.024	+0.331	81.0	144 156 319	22 3839
7332	8.9	47 4.49	2.6278	0.0004	20 25 12.1	9.032	0.338	81.0	158 159 328	20 4314
7333	8.0[3]	47 6.66	2.5868	0.0006	22 7 59.1	9.035	0.333	81.3	162 167 382	22 3840
7334	9.0	47 10.34	2.5891	0.0006	22 2 22.6	9.040	0.333	81.2	162 167 304 317	21 3956
7335	9.0	47 44.44	2.6186	0.0005	20 50 6.8	9.084	0.337	81.9	290 300 381	20 4319
7336	8.8	19 47 57.89	+2.5401	+0.0008	+24 4 8.4	+9.102	+0.326	81.2	139 141 384	24 3919
7337	8.4	47 58.96	2.5594	0.0007	23 17 36.1	9.103	0.329	81.0	146 152 324	23 3817
7338	8.7	47 59.93	2.5942	0.0006	21 51 52.0	9.104	0.333	80.9	130 138 328	21 3961
7339	8.3	48 1.88	2.5912	0.0006	21 59 35.7	9.107	0.333	81.7	310 315 321	21 3962
7340	8.5	48 5.53	2.6159	0.0005	20 57 55.5	9.112	0.336	81.0	158 159 325	20 4321
7341	4.8	19 48 8.91	+2.5481	+0.0008	+23 45 17.1	+9.116	+0.327	81.0	142 154 319	23 3820
7342	7.5	48 16.70	2.5751	0.0007	22 39 53.7	9.126	0.331	81.2	144 156 382	22 3846
7343	9.2	48 16.94	2.5751	0.0007	22 39 56.4	9.126	0.331	82.5	382 385	
7344	8.7	48 23.99	2.5964	0.0006	21 47 38.3	9.136	0.333	81.7	310 315 321	21 3964
7345	9.0	48 38.35	2.5614	0.0008	23 14 22.7	9.154	0.328	81.0	146 152 324	23 3826
7346	9.1	19 48 48.57	+2.5989	+0.0006	+21 42 27.7	+9.167	+0.333	80.9	130 138 325	21 3967
7347	7.7	48 51.48	2.5855	0.0006	22 15 49.9	9.171	0.331	81.4	162 167 319 388	22 3850
7348	8.7	48 58.89	2.5755	0.0007	22 40 47.6	9.181	0.330	81.0	144 156 328	22 3852
7349	5.8	49 12.89	2.5435	0.0008	23 59 34.3	9.199	0.326	81.2	139 141 383	23 3829
7350	8.6	49 17.61	2.5653	0.0007	23 6 42.3	9.205	0.328	81.8	280 284 384	23 3830

[1] Z. 290 300 301 317 325 [2] Dupl. 1″ med. [3] Dupl. 1″ med.



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7351	8.9	$19^h\ 49^m\ 19^s.94$	$+2^s.5590$	$+0^s.0008$	$+23°\ 22'\ 11''.2$	$+9''.208$	$+0''.328$	81.8	280 284 385	23° 3831
7352	6.9	49 20.47	2.5899	0.0006	22 6 9.0	9.209	0.332	81.3	162 167 382	22 3854
7353	7.0	49 34.61	2.5298	0.0009	24 33 38.0	9.227	0.324	81.0	139 141 324	24 3924
7354	8.7	49 36.78	2.6317	0.0004	20 21 48.6	9.230	0.337	81.3	158 159 387	20 4334
7355	7.8	49 38.96	2.5187	0.0009	25 0 15.6	9.233	0.322	81.0	142 154 325	24 3925
7356	8.5	19 49 39.97	+2.6125	+0.0005	+21 10 25.0	+9.234	+0.334	81.9	290 300 388	21 3971
7357	8.8	49 40.66	2.5216	0.0009	24 53 31.1	9.235	0.322	81.0	142 154 328	24 3926
7358	8.5[1]	49 50.95	2.5887	0.0006	22 10 26.7	9.248	0.331	80.7	144 156	22 3856
7359	9.2	49 57.37	2.5597	0.0008	23 22 13.2	9.257	0.327	81.5	280 284	[23 3837]
7360	8.9	50 3.06	2.5604	0.0008	23 20 52.5	9.264	0.327	80.7	146 152	23 3838
7361	8.9	19 50 31.54	+2.5477	+0.0008	+23 53 7.1	+9.301	+0.325	81.8	280 284 383	23 3839
7362	8.7[2]	50 32.62	2.6339	0.0004	20 18 37.4	9.302	0.336	81.8	290 301 303 382	20 4341
7363	9.1	50 37.03	2.5283	0.0009	24 40 18.5	9.308	0.323	81.2	139 141 384	24 3932
7364	8.5	50 39.24	2.6388	0.0004	20 6 20.0	9.311	0.337	81.2	158 159 385	20 4343
7365	8.5	50 39.96	2.6004	0.0006	21 43 42.3	9.312	0.332	81.2	130 138 387	21 3976
7366	8.9	19 50 44.12	+2.5299	+0.0009	+24 36 36.8	+9.317	+0.323	81.3	142 154 388	24 3934
7367	8.9	51 16.90	2.5209	0.0009	24 59 52.8	9.359	0.321	81.4	154 306 313	24 3936
7368	6.9	51 18.14	2.5568	0.0008	23 33 23.0	9.361	0.326	81.2	146 152 383	23 3843
7369	8.8	51 27.00	2.5343	0.0009	24 28 18.6	9.372	0.323	81.5	280 284	24 3937
7370	6.2	51 29.39	2.5598	0.0008	23 26 34.5	9.375	0.326	80.7	144 156	23 3845
7371	6.8	19 51 32.10	+2.6265	+0.0005	+20 39 56.5	+9.379	+0.335	81.9	290 300 384	20 4351
7372	8.6	51 47.17	2.6096	0.0005	21 23 23.8	9.398	0.332	81.2	130 138 387	21 3986
7373	8.7	51 47.48	2.6355	0.0004	20 17 43.5	9.399	0.336	81.3	158 159 388	20 4354
7374	8.0	51 56.93	2.5178	0.0010	25 9 17.2	9.411	0.320	81.7	306 313	25 4034
7375	7.2	52 1.66	2.5527	0.0008	23 45 30.2	9.417	0.325	82.0	311 324 385	23 3847
7376	7.7	19 52 3.07	+2.6091	+0.0006	+21 25 22.0	+9.419	+0.332	81.7	315 321	21 3987
7377	8.9	52 25.22	2.6004	0.0006	21 48 23.7	9.447	0.331	81.7	315 321	21 3990
7378	8.8	52 26.91	2.6382	0.0004	20 12 19.5	9.450	0.335	81.7	303 310	20 4357
7379	8.8	52 28.15	2.5275	0.0009	24 47 37.9	9.451	0.321	82.1	325 382	24 3943
7380	7.8	52 34.04	2.5434	0.0009	24 9 34.6	9.459	0.323	81.8	319 328	24 3945
7381	9.0	19 52 38.79	+2.6285	+0.0005	+20 37 48.2	+9.465	+0.334	81.6	290 300 304 317	20 4359
7382	8.3	52 40.26	2.5581	0.0008	23 34 10.0	9.467	0.325	81.8	311 328	23 3849
7383	9.0	52 41.87	2.5345	0.0009	24 31 38.3	9.469	0.322	82.2	325 383	24 3947
7384	8.9	52 44.57	2.5838	0.0007	22 30 53.2	9.472	0.328	80.8	162 167	22 3866
7385	9.1	52 46.06	2.5983	0.0006	21 54 34.0	9.474	0.330	81.7	304 317	21 3993
7386	8.7	19 52 49.27	+2.5190	+0.0010	+25 9 6.4	+9.478	+0.320	81.7	306 313	25 4044
7387	9.0[3]	52 52.47	2.6010	0.0006	21 48 6.7	9.482	0.330	81.7	315 321	21 3994
7388	8.9	52 55.63	2.5972	0.0006	21 57 46.1	9.486	0.330	81.7	315 321	21 3995
7389	8.7	52 57.20	2.5731	0.0007	22 58 0.3	9.488	0.326	81.3	162 167 384	22 3867
7390	8.8	53 9.15	2.6215	0.0005	20 57 7.4	9.504	0.333	82.1	300 383	20 4362
7391	8.6	19 53 20.52	+2.6192	+0.0005	+21 3 27.7	+9.518	+0.332	81.7	304 317	21 3997
7392	8.5	53 25.49	2.5692	0.0008	23 9 2.9	9.525	0.326	81.8	311 328	23 3855
7393	8.6	53 25.99	2.5481	0.0009	24 0 40.1	9.525	0.323	81.7	306 313	23 3856
7394	9.3	53 27.84	2.5454	0.0009	24 7 25.4	9.528	0.323	82.2	325 383	24 3951
7395	8.7	53 35.80	2.5338	0.0009	24 35 57.1	9.538	0.321	81.7	306 313	24 3953
7396	8.9	19 53 40.27	+2.5902	+0.0007	+22 17 24.6	+9.544	+0.328	82.1	304 384	22 3871
7397	6.0	53 48.71	2.5790	0.0007	22 45 44.3	9.555	0.327	80.8	162 167	22 3872
7398	8.9	53 51.34	2.5994	0.0006	21 54 57.9	9.558	0.329	81.7	315 321	
7399	9.1	53 51.86	2.5993	0.0006	21 55 9.1	9.559	0.329	82.2	328 388	} 21 4001
7400	9.3	53 51.53	2.6198	0.0005	21 3 13.4	9.558	0.332	81.7	303 310	21 4002

[1] Dupl. $3''$-$4''$ maj. pr.; Com. $9^m.2$ [2] Austr. [3] Z. 321 dupl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7401	8.6	19h 53m 52s.33	+2s.5816	+0s.0007	+22° 39' 26".6	+9".559	+0".327	80.8	162 167	22° 3874
7402	9.0	53 58.04	2.6303	0.0005	20 36 48.9	9.567	0.333	82.2	6 Beob.[1]	20 4366
7403	9.0	54 2.92	2.6162	0.0005	21 13 1.7	9.573	0.331	80.8	160 165	21 4004
7404	8.9	54 5.76	2.5712	0.0008	23 6 0.6	9.576	0.325	81.7	311 324	23 3858
7405	8.8	54 8.42	2.6309	0.0005	20 35 35.2	9.580	0.333	82.0	290 328 396	20 4367
7406	9.0	19 54 12.25	+2.5438	+0.0009	+24 13 31.6	+9.585	+0.322	82.2	325 383	24 3957
7407	8.4	54 15.12	2.5400	0.0009	24 23 3.5	9.588	0.321	81.7	306 313	24 3958
7408	9.0	54 18.74	2.6419	0.0004	20 7 46.7	9.593	0.334	81.2	158 326	20 4369
7409	8.6	54 18.83	2.6393	0.0004	20 14 37.7	9.593	0.334	82.2	326 382	20 4370
7410	9.1	54 21.44	2.5281	0.0010	24 52 9.3	9.597	0.320	81.6	283 319	24 3960
7411	8.8	19 54 35.59	+2.5572	+0.0008	+23 42 1.9	+9.615	+0.323	81.8	311 325	23 3864
7412	9.1	54 37.18	2.6154	0.0005	21 16 31.0	9.617	0.331	80.6	130 138	21 4006
7413	8.9	54 41.92	2.5896	0.0007	22 21 53.5	9.623	0.327	80.7	144 156	22 3881
7414	8.1	54 45.66	2.5295	0.0010	24 50 2.6	9.628	0.320	81.2	139 141 384	24 3962
7415	8.3	54 56.31	2.5963	0.0007	22 5 54.1	9.641	0.328	81.3	162 167 388	22 3884
7416	8.4	19 55 0.84	+2.6420	+0.0004	+20 9 25.1	+9.647	+0.334	80.7	158 159	20 4373
7417	8.0	55 19.22	2.5555	0.0009	23 48 24.2	9.670	0.322	82.0	311 324 385	23 3867
7418	8.7	55 19.75	2.5292	0.0010	24 52 23.2	9.671	0.319	80.7	142 154	24 3963
7419	7.8	55 19.93	2.5901	0.0007	22 22 34.0	9.671	0.327	81.7	315 321	22 3887
7420	9.0	55 21.99	2.5466	0.0009	24 10 26.3	9.674	0.321	81.6	283 319	24 3964
7421	7.7	19 55 22.85	+2.5641	+0.0008	+23 27 22.3	+9.675	+0.323	82.0	311 325 387	23 3868
7422	8.1	55 33.35	2.5873	0.0007	22 30 12.4	9.688	0.326	80.7	144 156	22 3889
7423	8.7	55 34.05	2.5313	0.0010	24 48 12.3	9.689	0.319	81.0	139 141 326	24 3965
7424	8.7	55 46.83	2.6384	0.0004	20 20 49.5	9.706	0.333	81.2	160 165 304 317	20 4380
7425	8.6	55 58.47	2.5430	0.0009	24 20 56.3	9.721	0.320	81.0	142 154 328	24 3969
7426	8.8	19 56 8.77	+2.6274	+0.0005	+20 50 12.7	+9.734	+0.331	81.7	5 Beob.[2]	20 4382
7427	8.7	56 12.16	2.6399	0.0004	20 17 54.5	9.738	0.332	81.2	158 159 382	20 4384
7428	8.5	56 25.66	2.6018	0.0006	21 56 4.4	9.755	0.327	81.1	130 138 384	21 4025
7429	6.0	56 26.96	2.5410	0.0009	24 27 17.1	9.757	0.320	81.8	283 299 383	24 3975
7430	5[3]	56 43.33	2.5381	0.0009	24 35 21.2	9.778	0.319	81.4	142 154 326 383	24 3977
7431	8.9	19 56 44.65	+2.6370	+0.0005	+20 26 59.5	+9.779	+0.332	81.3	160 165 303 385	20 4388
7432	8.6	56 47.83	2.5507	0.0009	24 4 51.5	9.783	0.321	82.0	306 313 388	24 3978
7433	8.5	56 48.59	2.6341	0.0005	20 34 46.8	9.784	0.331	82.0	315 321 387	20 4389
7434	8.4	56 52.22	2.5329	0.0010	24 48 26.9	9.789	0.318	81.0	139 141 328	24 3979
7435	9.1	56 54.29	2.6304	0.0005	20 44 35.4	9.792	0.331	81.6	5 Beob.[4]	20 4390
7436	6.5	19 56 56.41	+2.6055	+0.0006	+21 48 16.3	+9.794	+0.327	81.1	130 138 382	21 4027
7437	9.0	57 18.86	2.6208	0.0006	21 10 17.3	9.823	0.329	81.3	160 165 384	21 4029
7438	8.8	57 19.75	2.6130	0.0006	21 30 22.3	9.824	0.328	81.7	303 310	21 4030
7439	9.0	57 39.99	2.6035	0.0006	21 55 29.3	9.850	0.326	81.1	130 138 304 317	21 4033
7440	9.0	57 44.97	2.5692	0.0008	23 21 59.9	9.856	0.322	82.0	311 324 383	23 3879
7441	9.5	19 57 50.24	+2.5397	+0.0010	+24 34 58.5	+9.863	+0.318	80.6	139	[24 3985]
7442	9.0	57 54.45	2.5601	0.0009	23 45 7.9	9.868	0.321	81.9	283 319 385	23 3881
7443	8.7	58 14.20	2.5402	0.0010	24 34 55.8	9.893	0.318	81.6	141 319 388	24 3987
7444	6.3	58 14.24	2.6224	0.0006	21 8 43.5	9.893	0.328	81.7	160 165 384 387	21 4036
7445	6.7	58 15.34	2.5884	0.0007	22 35 27.5	9.895	0.324	80.7	144 156	22 3903
7446	9.1	19 58 20.19	+2.5582	+0.0009	+23 51 6.4	+9.901	+0.320	82.0	283 326 382	23 3882
7447	7.0	58 22.68	2.6330	0.0005	20 41 57.7[5]	9.904	0.330	80.8 80.7	160 165a	20 4406
7448	9.2	58 25.55	2.6396	0.0005	20 24 53.3	9.908	0.330	81.0	158 159 328	20 4405
7449	7.5	58 34.38	2.5671	0.0008	23 29 44.6	9.919	0.321	81.7	311 324	23 3885
7450	7.1	58 38.34	2.5786	0.0008	23 1 8.6	9.924	0.323	81.7	311 324	22 3908

[1] Z. 290 300 384 385 387 396 [2] Z. 290 300 310 315 321 [3] Obl. [4] Z. 290 300a 303 304 317
[5] Z. 165 42' 2".5 ausgeschlossen



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7451	8.4	19h 58m 52s.84	+2s.5973	+0s.0007	+22° 14′ 44″.5	+ 9″.942	+0″.325	81.2	144 156 383	22° 3909
7452	9.2	58 55.17	2.6029	0.0007	22 0 42.0	9.945	0.325	81.1	162 167 328	21 4040
7453	8.7	58 55.78	2.6329	0.0005	20 43 47.5	9.946	0.329	81.3	160 165 385	20 4410
7454	8.5	59 12.95	2.5416	0.0010	24 34 47.9	9.968	0.317	81.5	141 319 382	24 3991
7455	8.9	59 13.09	2.6346	0.0005	20 40 4.5	9.968	0.329	81.7	300 303 310	20 4414
7456	8.4	19 59 22.98	+2.6422	+0.0005	+20 20 44.3	+ 9.980	+0.330	81.2	158 159 384	20 4416
7457	9.7	59 24.97	2.5509	0.0009	24 12 26.3	9.983	0.318	81.8	319 325	— —
7458	8.4	59 25.53	2.6014	0.0007	22 6 5.3	9.984	0.325	81.3	144 156 387	22 3912
7459	9.1	59 31.67	2.5513	0.0009	24 12 1.6	9.991	0.318	81.4	6 Beob.[1]	24 3992
7460	8.5	59 34.43	2.6436	0.0004	20 17 38.3	9.995	0.330	81.3	158 159 388	20 4417
7461	6.4	19 59 35.50	+2.5837	+0.0008	+22 51 22.1	+ 9.996	+0.322	80.8	162 167	22 3913
7462	8.3	59 46.81	2.5730	0.0008	23 18 42.2	10.010	0.321	81.7	311 324	23 3891
7463	8.9	59 50.43	2.6265	0.0005	21 2 47.5	10.015	0.328	81.7	315 321	20 4418
7464	8.3	59 57.45	2.5296	0.0010	25 6 38.4	10.024	0.315	81.2	142 154 383	25 4093
7465	8.4	20 0 2.73	2.6344	0.0005	20 42 51.6	10.031	0.328	81.3	160 165 385	20 4420
7466	7.3	20 0 19.91	+2.5944	+0.0007	+22 26 28.9	+10.052	+0.323	81.3	144 156 387	22 3918
7467	8.1	0 28.99	2.6475	0.0004	20 10 2.7	10.064	0.330	81.0	158 159 326	20 4422
7468	8.3	0 30.48	2.6080	0.0007	21 52 22.1	10.066	0.325	81.1	130 138 384	21 4052
7469	8.5	0 36.48	2.5550	0.0009	24 6 12.5	10.073	0.318	81.2	139 141 382	24 3997
7470	9.2	0 43.13	2.5889	0.0008	22 41 39.0	10.082	0.322	81.7	306 313	[22 3923]
7471	7.4	20 0 43.30	+2.6479	+0.0004	+20 9 40.6	+10.082	+0.330	81.0	158 159 326	20 4423
7472	9.0	0 45.25	2.6292	0.0005	20 58 27.3	10.084	0.327	81.7	300 303 310 328	20 4424
7473	8.5	0 45.27	2.5891	0.0008	22 41 12.1	10.084	0.322	81.0	162 167 313	22 3924
7474	9.0	0 47.05	2.6085	0.0007	21 52 1.0	10.086	0.324	80.9	130 138 310	21 4054
7475	9.2	0 47.51	2.6083	0.0007	21 52 29.6	10.087	0.324	81.7	303 310	[21 4055]
7476	8.1	20 0 48.99	+2.5863	+0.0008	+22 48 39.6	+10.089	+0.322	81.3	162 167 388	22 3925
7477	8.7	0 51.82	2.5579	0.0009	23 59 58.9	10.092	0.318	81.6	283 299	23 3894
7478	8.4	0 54.81	2.5311	0.0010	25 6 4.0	10.096	0.315	80.7	142 154	25 4099
7479	9.2	1 0.23	2.6090	0.0007	21 51 20.3	10.103	0.324	80.9	130 138 326	21 4057
7480	8.4	1 15.49	2.5976	0.0007	22 21 13.3	10.122	0.323	81.2	144 156 383	22 3928
7481	8.3	20 1 21.30	+2.6194	+0.0006	+21 25 35.5	+10.130	+0.325	82.0	315 321 385	21 4059
7482	9.0	1 21.32	2.6345	0.0005	20 46 32.8	10.130	0.327	82.0	319 325 387	20 4428
7483	8.3	1 23.89	2.6481	0.0004	20 11 1.2	10.133	0.329	80.7	158 159	20 4429
7484	8.5	1 24.19	2.5567	0.0009	24 4 37.5	10.133	0.317	80.6	139 141	24 4002
7485	5.5	1 31.14	2.5766	0.0008	23 15 19.3	10.142	0.320	80.8	162 167	23 3896
7486	9.0	20 1 44.17	+2.6356	+0.0005	+20 44 41.3	+10.158	+0.327	81.7	303 310 315	}20 4434
7487	8.4	1 44.28	2.6357	0.0005	20 44 36.7	10.159	0.327	81.1	160 165 321	
7488	8.6	2 21.51	2.5536	0.0010	24 15 25.8	10.205	0.316	81.2	139 141 385	24 4008
7489	9.2	2 42.71	2.6079	0.0007	21 59 22.8	10.232	0.323	81.1	130 138 384	21 4066
7490	8.6	2 43.97	2.5865	0.0008	22 54 5.8	10.233	0.320	81.3	144 156 387	22 3936
7491	8.2	20 2 48.53	+2.6499	+0.0004	+20 10 24.3	+10.239	+0.328	81.0	158 159 325	20 4442
7492	8.8	2 53.97	2.6050	0.0007	22 7 28.0	10.246	0.322	81.3	144 156 388	22 3938
7493	8.7	3 7.70	2.6407	0.0005	20 35 32.8	10.263	0.326	80.8	160 165	20 4444
7494	9.0	3 8.38	2.6296	0.0006	21 4 35.5	10.264	0.325	81.7	319	[21 4069]
7495	8.6	3 10.65	2.6254	0.0006	21 15 29.3	10.267	0.324	80.8	160 165	21 4070
7496	8.7	20 3 14.40	+2.6305	+0.0006	+21 2 23.2	+10.272	+0.325	82.0	300 325 382	20 4447
7497	6.8	3 16.63	2.6132	0.0007	21 47 29.7	10.274	0.323	81.2	130 138 385	21 4071
7498	7.9	3 21.14	2.5516	0.0010	24 23 45.9	10.280	0.315	81.0	142 154 326	24 4015
7499	8.3	3 21.60	2.5543	0.0010	24 17 11.9	10.281	0.315	80.6	139 141	24 4016
7500	8.9	3 30.34	2.6254	0.0006	21 16 31.9	10.292	0.324	82.0	6 Beob.[2]	21 4073

[1] Z. 139 141 306 313 325 328 [2] Z. 165 315 321 382 383 387



Nr.	Gr.	A.R. 1875			Praec.	Var. saec.	Decl. 1875			Praec.	Var. saec.	Ep.	Zonen	B. D.
7501	10	20h	3m	33s.11	+2s.6252	+0s.0006	+21°	17'	18".7	+10".295	+0".324	82.5	383	— —
7502	8.2		3	34.19	2.5841	0.0008	23	3	2.1	10.296	0.319	80.8	162 167	22° 3941
7503	9.8		3	34.93	2.6254	0.0006	21	16	56.7	10.297	0.324	82.6	382 383 387	— —
7504	8.6[1]		3	37.67	2.5380	0.0011	24	58	23.1	10.301	0.313	81.6	283 299 328	24 4017
7505	8.6		3	37.80	2.5518	0.0010	24	24	6.3	10.301	0.315	81.2	142 154 384	24 4018
7506	8.6	20	3	41.58	+2.5940	+0.0008	+22	37	59.7	+10.306	+0.320	81.3	162 167 388	22 3943
7507	8.7		3	41.60	2.6071	0.0007	22	4	37.9	10.306	0.322	80.7	144 156	22 3942
7508	9.0		3	49.69	2.6312	0.0006	21	2	23.0	10.316	0.325	81.7	300 303 310	20 4448
7509	8.8		4	4.03	2.5475	0.0010	24	36	24.7	10.334	0.314	81.0	142 154 328	24 4024
7510	8.7		4	4.36	2.5731	0.0009	23	32	27.9	10.334	0.317	81.7	311 324	23 3906
7511	8.6	20	4	8.45	+2.5799	+0.0009	+23	15	27.4	+10.339	+0.318	81.7	311 324	23 3907
7512	8.2		4	9.68	2.6391	0.0005	20	42	46.4	10.341	0.325	81.7	315 321	20 4449
7513	8.4		4	18.57	2.6328	0.0006	20	59	38.6	10.352	0.324	81.9	300 319 385	20 4450
7514	7.3		4	21.88	2.6435	0.0005	20	31	47.5	10.356	0.326	81.8	315 321 325	20 4452
7515	8.6		4	25.25	2.6432	0.0005	20	32	51.2	10.360	0.326	81.7	303 310	{ 20 4453
7516	6.3	20	4	25.69	+2.6432	+0.0005	+20	32	41.3	+10.361	+0.326	80.8	160 165	
7517	7.3		4	25.45	2.6412	0.0005	20	38	9.0	10.360	0.325	80.7	158 159	20 4454
7518	8.9		4	30.99	2.6417	0.0005	20	37	4.8	10.367	0.325	81.8	315 321 325	20 4455
7519	8.0		4	40.43	2.5347	0.0011	25	10	5.1	10.379	0.312	81.8	283 299 384	25 4124
7520	8.2		4	46.53	2.6154	0.0007	21	46	24.5	10.387	0.322	81.2	130 138 388	21 4077
7521	8.2	20	4	51.45	+2.6363	+0.0006	+20	52	14.9	+10.393	+0.324	81.6	290 300 310	20 4458
7522	9.3		4	54.18	2.5571	0.0010	24	15	25.4	10.396	0.314	80.6	139 141	24 4026
7523	8.7		4	58.12	2.5390	0.0011	25	0	25.9	10.401	0.312	81.6	283 299	24 4027
7524	8.9		5	1.26	2.5870	0.0008	23	0	18.9	10.405	0.318	80.7	144 156 162 167	22 3948
7525	8.0		5	4.45	2.6432	0.0005	20	34	45.0	10.409	0.325	80.7	158 159	20 4460
7526	8.9	20	5	6.00	+2.5566	+0.0010	+24	17	17.3	+10.411	+0.314	81.8	319 324 328	24 4028
7527	7.1		5	9.45	2.5472	0.0010	24	40	50.0	10.415	0.313	80.7	139 141 142 154	24 4029
7528	7.0		5	13.40	2.6538	0.0004	20	7	5.0	10.420	0.326	81.3	160 165 382	20 4461
7529	8.9		5	17.17	2.5920	0.0008	22	48	21.6	10.425	0.318	80.7	156 162 167	22 3951
7530	8.0		5	26.93	2.5839	0.0009	23	9	27.5	10.437	0.317	81.7	306 313	23 3911
7531	8.7	20	5	27.38	+2.6216	+0.0007	+21	32	27.2	+10.438	+0.322	80.6	130 138	21 4083
7532	8.6		5	27.89	2.5736	0.0009	23	35	38.1	10.438	0.316	81.8	311 324 328	23 3912
7533	6.2		5	33.33	2.6395	0.0006	20	45	49.3	10.445	0.324	82.0	315 321 383	20 4462
7534	8.9		5	33.72	2.5750	0.0009	23	32	27.3	10.446	0.316	82.0	311 324 382	23 3913
7535	9.0		5	34.59	2.6507	0.0005	20	16	26.8	10.447	0.325	81.2	158 159 303 310	{ 20 4463
7536	9.5	20	5	36.13	+2.6507	+0.0005	+20	16	21.8	+10.449	+0.325	81.7	319	
7537	8.4		5	47.93	2.6348	0.0006	20	58	53.7	10.463	0.323	81.7	290 300 317 326	20 4464
7538	5.5		5	53.16	2.6230	0.0007	21	30	17.3	10.470	0.322	81.1	130 138 384	21 4088
7539	8.6		6	0.63	2.6196	0.0007	21	39	21.0	10.479	0.321	81.7	303 310 317 326	21 4089
7540	8.5		6	4.58	2.6250	0.0006	21	25	31.2	10.484	0.322	81.3	160 165 385	21 4091
7541	8.3	20	6	6.48	+2.5388	+0.0011	+25	4	59.6	+10.486	+0.311	80.7	142 154	25 4140
7542	8.6		6	6.91	2.5688	0.0010	23	50	5.3	10.487	0.315	81.9	283 299 388	23 3916
7543	8.7		6	14.25	2.5997	0.0008	22	31	42.6	10.496	0.318	80.7	144 156	22 3956
7544	9.2		6	21.41	2.5818	0.0009	23	17	48.8	10.505	0.316	81.8	319 325	[23 3917]
7545	8.8		6	24.43	2.5818	0.0009	23	18	13.5	10.509	0.316	81.7	306 313 328	23 3918
7546	7.0	20	6	35.60	+2.6423	+0.0005	+20	41	45.6	+10.523	+0.324	80.7	158 159	20 4470
7547	9.3		6	38.79	2.5797	0.0009	23	24	11.1	10.526	0.316	81.7	311 324	23 3920
7548	7.9		6	40.12	2.5764	0.0009	23	32	49.1	10.528	0.315	81.7	306 313	23 3921
7549	9.0		6	46.69	2.5566	0.0010	24	23	2.1	10.536	0.313	80.6	139 141	24 4035
7550	9.2		6	46.85	2.6109	0.0007	22	4	34.5	10.537	0.319	81.1	162 167 319	22 3960

[1] Z. 328 dupl. ??

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7551	8.6	20h 6m 52s.32	+2s.6027	+0s.0008	+22° 26′ 5″.7	+10″.543	+0″.318	81.2	144 156 384	22° 3963
7552	9.2	6 53.09	2.6350	0.0006	21 1 53.3	10.544	0.322	81.3	160 165 383	20 4472
7553	8.6	6 53.76	2.5732	0.0010	23 41 39.6	10.545	0.315	82.1	325 382	23 3923
7554	8.4	7 3.89	2.5799	0.0009	23 25 17.2	10.558	0.315	81.8	311 325	23 3925
7555	8.7	7 6.21	2.5867	0.0009	23 7 50.8	10.561	0.316	82.0	306 313 388	23 3926
7556	8.4	20 7 6.81	+2.6023	+0.0008	+22 27 44.2	+10.561	+0.318	82.0	315 321 385	22 3966
7557	8.7	7 10.90	2.5803	0.0009	23 24 32.3	10.566	0.315	81.7	311 324	23 3927
7558	8.9	7 23.32	2.5636	0.0010	24 7 28.3	10.582	0.313	81.0	139 141 328	24 4039
7559	8.7	7 29.13	2.6461	0.0005	20 34 26.5	10.589	0.323	81.7	303 303 310	20 4477
7560	8.0	7 39.68	2.6418	0.0006	20 46 17.6	10.602	0.323	81.3	158 159 387	20 4479
7561	8.6	20 7 39.84	+2.6260	+0.0007	+21 28 3.1	+10.602	+0.321	80.6	130 138	21 4103
7562	8.5	7 40.55	2.5943	0.0009	22 50 22.0	10.603	0.317	80.8	162 167	22 3969
7563	8.9	7 42.39	2.5756	0.0010	23 38 12.9	10.605	0.314	81.7	306 313	23 3931
7564	8.8	7 43.10	2.6259	0.0007	21 28 29.0	10.606	0.320	80.6	130 138	21 4104
7565	8.5	7 57.39	2.6035	0.0008	22 27 31.6	10.624	0.318	81.2	144 156 384	22 3971
7566	8.6	20 7 58.17	+2.5400	+0.0011	+25 8 47.3	+10.625	+0.310	80.7	142 154	25 4154
7567	8.2	7 58.87	2.5717	0.0010	23 49 8.0	10.626	0.314	81.6	283 299	23 3932
7568	7.5	7 59.11	2.5468	0.0011	24 51 56.6	10.626	0.310	81.6	5 Beob.[1]	24 4045
7569	8.3	8 1.88	2.5892	0.0009	23 4 39.3	10.629	0.316	82.1	325 382	23 3933
7570	8.6	8 8.98	2.5716	0.0010	23 49 58.2	10.638	0.313	81.6	283 299	23 3934
7571	8.4	20 8 11.57	+2.6429	+0.0006	+20 45 6.4	+10.641	+0.322	80.7	158 159	20 4483
7572	8.1	8 13.50	2.5642	0.0010	24 8 57.4	10.644	0.312	80.7	139 141	24 4047
7573	6.2	8 18.65	2.5711	0.0010	23 51 40.5	10.650	0.313	81.6	283 299	23 3935
7574	8.8	8 29.36	2.6449	0.0006	20 40 35.7	10.663	0.322	81.0	160 165 300	20 4485
7575	7.5	8 37.10	2.6185	0.0007	21 50 41.5	10.673	0.319	81.5	138 303 385	21 4109
7576	8.6	20 8 42.12	+2.5993	+0.0008	+22 40 58.3	+10.679	+0.316	81.3	162 167 383	22 3974
7577	9.0	8 51.01	2.6211	0.0007	21 44 29.2	10.690	0.319	82.0	315 321 387	21 4111
7578	8.8	8 53.75	2.6006	0.0008	22 38 14.8	10.694	0.316	81.3	162 167 382	22 3976
7579	8.6	8 57.23	2.6545	0.0005	20 16 26.9	10.698	0.323	80.8	160 165	20 4488
7580	8.4	9 3.30	2.5986	0.0008	22 43 46.6	10.705	0.316	81.7	306 313	22 3977
7581	7.4	20 9 10.72	+2.5580	+0.0011	+24 27 58.1	+10.714	+0.311	81.2	139 141 388	24 4053
7582	6.9	9 18.37	2.6250	0.0007	21 35 45.4	10.724	0.319	81.7	315 321	21 4115
7583	8.5	9 18.42	2.6055	0.0008	22 26 58.0	10.724	0.317	80.7	144 156	22 3981
7584	8.9	9 19.82	2.6058	0.0008	22 26 14.5	10.726	0.317	81.2	156 328	[22 3982]
7585	8.9	9 22.34	2.6570	0.0005	20 10 57.9	10.729	0.323	81.7	300 303 310	20 4493
7586	8.9	20 9 33.33	+2.5472	+0.0011	+24 56 28.4	+10.742	+0.309	81.7	306 313	24 4060
7587	8.7	9 33.59	2.5547	0.0011	24 37 41.9	10.743	0.310	80.7	142 154	24 4058
7588	8.6	9 45.57	2.5523	0.0011	24 44 24.2	10.757	0.310	82.0	319 326 387	24 4063
7589	4.5	9 58.06	2.5413	0.0012	25 12 40.7	10.773	0.308	81.8	319 325	25 4165
7590	8.8	10 2.57	2.6107	0.0008	22 15 40.5	10.778	0.317	81.7	315 321	22 3988
7591	5.5	20 10 6.28	+2.5908	+0.0009	+23 7 40.7	+10.783	+0.314	81.8	311 328	23 3944
7592	7.2	10 6.73	2.5854	0.0010	23 21 40.0	10.783	0.313	81.7	311 324	23 3943
7593	8.8	10 15.92	2.6177	0.0008	21 58 8.5	10.795	0.317	81.7	315 321	21 4122
7594	9.0	10 17.13	2.6060	0.0008	22 28 53.5	10.796	0.316	82.5	382 385	22 3992
7595	8.6	10 42.80	2.6387	0.0006	21 4 9.4	10.828	0.319	81.8	317 326	21 4129
7596	8.9	20 10 42.87	+2.5715	+0.0011	+23 59 14.2	+10.828	+0.311	81.7	306 313	23 3948
7597	8.5	10 47.53	2.6590	0.0005	20 10 2.7	10.834	0.322	81.9	290 300 387	20 4499
7598	5.8	10 50.23	2.6355	0.0007	21 12 58.7	10.837	0.319	81.8	317 326	21 4130
7599	6.7	10 53.10	2.6200	0.0008	21 54 13.3	10.840	0.317	81.7	315 321	21 4132
7600	8.2	10 57.78	2.5662	0.0011	24 13 40.5	10.846	0.310	81.8	319 325	24 4070

[1] Z. 142 154 326 383 388

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7601	7.6	20h 10m 58s.40	+2s.6176	+0s.0008	+22° 0′ 47″.7	+10″.847	+0″.317	82.2	328 383	21° 4133
7602	6.8	11 4.60	2.6402	0.0006	21 1 16.2	10.854	0.319	82.5	384 385	20 4500
7603	9.1	11 6.10	2.6152	0.0008	22 7 37.1	10.856	0.316	82.2	328 384	22 3997
7604	9.0	11 6.45	2.5936	0.0009	23 3 44.1	10.857	0.313	81.8	311 325	23 3950
7605	8.6	11 13.43	2.6441	0.0006	20 51 26.2	10.865	0.320	82.1	300 384	20 4501
7606	8.9	20 11 17.79	+2.5996	+0.0009	+22 49 4.9	+10.871	+0.314	81.7	306 313	22 3998
7607	5.8	11 26.17	2.5655	0.0011	24 17 13.4	10.881	0.310		Fund. Cat.	24 4075
7608	8.4	11 39.28	2.6373	0.0007	21 10 54.5	10.897	0.318	81.8	317 326	21 4139
7609	9.0	11 51.19	2.5759	0.0010	23 52 1.6	10.912	0.311	81.8	311 325	23 3956
7610	8.4	11 52.74	2.6514	0.0006	20 33 50.1	10.913	0.320	81.7	300 319	20 4504
7611	7.7	20 11 55.49	+2.6335	+0.0007	+21 21 52.4	+10.917	+0.318	81.8	317 326	21 4141
7612	9.1	12 3.30	2.5783	0.0010	23 46 45.2	10.926	0.311	82.0	311 325 393	23 3957
7613	8.9	12 5.05	2.6136	0.0008	22 14 59.3	10.928	0.315	81.8	319 328	22 4002
7614	8.1	12 5.91	2.6250	0.0008	21 45 11.4	10.930	0.316	81.7	315 321	21 4143
7615	8.9	12 10.95	2.5755	0.0011	23 54 15.2	10.936	0.310	81.9	288 296 390	23 3959
7616	8.5	20 12 13.14	+2.6017	+0.0009	+22 46 47.4	+10.938	+0.313	81.7	306 313	22 4003
7617	8.5	12 16.99	2.6484	0.0006	20 43 27.1	10.943	0.319	80.8	160 165	20 4508
7618	8.9	12 28.71	2.5793	0.0011	23 45 40.9	10.957	0.310	82.5	384 385	23 3962
7619	8.8	12 30.05	2.6604	0.0005	20 11 34.7	10.959	0.320	80.7	158 159	20 4510
7620	9.0	12 36.83	2.6179	0.0008	22 5 39.4	10.967	0.315	82.2	331 383	22 4006
7621	8.7	20 12 41.28	+2.5479	+0.0012	+25 6 17.0	+10.973	+0.306	82.2	328 384	25 4186
7622	8.3	12 52.32	2.5716	0.0011	24 6 48.2	10.986	0.309	82.0	319 324 390	24 4085
7623	9.1	12 52.53	2.6294	0.0007	21 35 55.6	10.986	0.316	81.7	315 321	21 4145
7624	8.2	12 55.97	2.5479	0.0012	25 7 19.9	10.991	0.306	81.6	283 299	25 4188
7625	7.0	12 58.88	2.5447	0.0012	25 15 34.7	10.994	0.306	82.7	393	[25 4189]
7626	8.4	20 13 3.11	+2.5455	+0.0012	+25 13 47.1	+10.999	+0.306	81.6	283 299	25 4190
7627	7.7	13 5.94	2.6402	0.0007	21 7 52.0	11.003	0.317	81.2	130 138 391	21 4147
7628	9.2	13 19.50	2.6367	0.0007	21 18 9.9	11.019	0.317	81.8	317 326 331	21 4149
7629	7.7	13 20.90	2.6475	0.0006	20 49 13.8	11.021	0.318	81.8	300 336	20 4514
7630	8.3	13 22.09	2.6085	0.0009	22 33 0.2	11.023	0.313	80.8	162 167	22 4009
7631	8.7	20 13 23.98	+2.6250	+0.0008	+21 49 24.1	+11.025	+0.315	82.2	315 321 387 388	21 4151
7632	8.7	13 26.56	2.6553	0.0006	20 28 27.4	11.028	0.319	82.1	300 383	20 4515
7633	7.6	13 27.98	2.6642	0.0005	20 4 30.0	11.030	0.320	81.3	158 159 396	20 4517
7634	9.2	13 29.32	2.6498	0.0006	20 43 26.6	11.031	0.318	80.8	160 165	20 4518
7635	8.6	13 34.34	2.6047	0.0009	22 43 33.5	11.037	0.312	82.0	306 313 389	22 4012
7636	8.1	20 14 1.60	+2.6081	+0.0009	+22 36 19.4	+11.071	+0.312	81.1	162 167 328	22 4013
7637	8.9	14 12.76	2.6191	0.0008	22 7 49.8	11.084	0.314	82.0	317 325 326 390	22 4015
7638	8.1	14 13.46	2.5799	0.0011	23 50 27.9	11.085	0.309	81.9	288 296 393	23 3970
7639	8.7	14 14.35	2.6180	0.0009	22 10 58.6	11.086	0.313	81.8	315 321 331	22 4014
7640	8.7	14 14.46	2.6393	0.0007	21 14 15.8	11.086	0.316	81.2	130 138 391	21 4159
7641	8.0	20 14 15.27	+2.6479	+0.0007	+20 51 9.1	+11.087	+0.317	80.7	158 159	20 4522
7642	8.9	14 35.20	2.5726	0.0011	24 10 33.5	11.111	0.308	81.9	283 299 396	24 4090
7643	8.3	14 39.40	2.5943	0.0010	23 14 44.0	11.117	0.310	82.0	311 324 388	23 3973
7644	8.8	14 46.21	2.5767	0.0010	24 0 45.7	11.125	0.308	82.0	319 325 389	23 3974
7645	9.1	14 52.01	2.5733	0.0011	24 9 43.2	11.132	0.307	81.6	283 299	24 4091
7646	8.6	20 14 53.74	+2.5810	+0.0011	+23 49 58.4	+11.134	+0.308	81.6	288 296 328	23 3975
7647	7.4	15 13.79	2.6261	0.0008	21 52 57.3	11.158	0.313	82.0	315 321 385	21 4164
7648	8.8	15 18.33	2.6073	0.0009	22 43 2.8	11.164	0.311	82.0 81.7	306 313 391a	22 4021
7649	9.0	15 18.44	2.5960	0.0010	23 12 27.0	11.164	0.310	82.0	311 324 393	23 3977
7650	9.0	15 19.49	2.6425	0.0007	21 9 22.4	11.165	0.315	80.6	130 138	21 4165

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
7651	8.6	20h 15m 24s.85	+2s.6110	+0s.0009	+22° 33' 25".6	+11".172	+0".312	81.1	162 167 319	22° 4025
7652	9.1	15 25.89	2.6220	0.0009	22 4 23.1	11.173	0.313	81.8	317 325 326	22 4026
7653	9.0	15 28.61	2.5977	0.0010	23 8 38.3	11.176	0.310	82.0	311 324 396	23 3978
7654	8.0	15 30.69	2.6434	0.0007	21 7 22.9	11.179	0.315	81.3	160 165 331 336	21 4167
7655	8.9	15 37.18	2.6284	0.0008	21 48 8.2	11.187	0.313	82.0	317 326 328 388	21 4168
7656	8.5	20 15 59.93	+2.6084	+0.0010	+22 42 27.8	+11.214	+0.311	81.9	306 313 384	22 4027
7657	8.8	16 0.33	2.5989	0.0010	23 7 38.6	11.215	0.309	82.0	311 324 383	23 3982
7658	7.2	16 5.20	2.6143	0.0009	22 27 10.4	11.220	0.311	81.3	162 167 385	22 4028
7659	8.5[1]	16 11.80	2.5936	0.0010	23 22 2.4	11.228	0.309	82.0	306 313 387	23 3983
7660	8.4	16 19.61	2.6471	0.0007	21 0 20.4	11.238	0.315	80.7	130 138 160 165	20 4533
7661	8.6	20 16 27.33	+2.5708	+0.0012	+24 22 13.7	+11.247	+0.306	81.8	283 299 383	24 4100
7662	8.8	16 38.97	2.6165	0.0009	22 23 20.1	11.261	0.311	81.3	162 167 383	22 4032
7663	8.9	16 40.59	2.5807	0.0011	23 57 23.8	11.263	0.307	82.1	288 296 390 396	23 3985
7664	5.2	16 41.01	2.5786	0.0012	24 2 54.8	11.264	0.306	82.0	319 325 388	23 3986
7665	8.9	16 41.02	2.6621	0.0006	20 20 36.5	11.264	0.316	81.3	158 159 389	20 4534
7666	8.8	20 16 45.95	+2.5751	+0.0012	+24 12 20.2	+11.270	+0.306	81.9	283 299 391	24 4102
7667	8.5	16 50.08	2.5959	0.0011	23 18 34.0	11.275	0.308	81.9	306 313 384	23 3988
7668	8.9	17 1.87	2.6270	0.0009	21 56 43.1	11.289	0.312	82.4	317 385 393	21 4179
7669	8.7	17 4.48	2.6391	0.0008	21 24 27.5	11.292	0.313	81.2	130 138 390	21 4180
7670	7.6	17 17.12	2.5880	0.0011	23 40 46.5	11.307	0.307	82.1	288 296 389 396	23 3994
7671	8.0	20 17 36.26	+2.6606	+0.0006	+20 27 50.4	+11.330	+0.315	81.3	158 159 387	20 4541
7672	8.5	17 40.75	2.5839	0.0011	23 53 3.6	11.336	0.306	81.9	283 299 388	23 3997
7673	9.0	17 48.20	2.6081	0.0010	22 49 57.2	11.345	0.309	81.7	162 319 385	22 4039
7674	7.9	17 48.29	2.5898	0.0011	23 38 11.3	11.345	0.307	81.9	288 296 387	23 3998
7675	8.1	18 0.02	2.5984	0.0011	23 16 6.9	11.359	0.308	81.9	306 313 383	23 3999
7676	8.7	20 18 32.13	+2.6147	+0.0010	+22 34 57.4	+11.397	+0.309	81.5	162 167 324 389	22 4042
7677	9.2	18 33.73	2.6383	0.0008	21 31 41.1	11.399	0.312	81.4	6 Beob.[2]	21 4191
7678	9.4	18 35.64	2.6381	0.0008	21 32 19.0	11.402	0.312	81.6	160 319 384	[21 4192]
7679	7.3	19 2.33	2.5861	0.0012	23 52 25.1[3]	11.434	0.305	81.9 81.6	283 299 385a	23 4004
7680	9.2	19 4.19	2.5913	0.0011	23 38 57.7	11.436	0.306	82.1	288 296 388 396	23 4005
7681	8.6	20 19 4.71	+2.6572	+0.0007	+20 42 4.1	+11.436	+0.313	81.3	158 159 387	20 4554
7682	8.8	19 9.41	2.6034	0.0011	23 7 22.6	11.442	0.307	82.0	311 324 390	23 4006
7683	8.9	19 12.12	2.6391	0.0008	21 31 54.7	11.445	0.311	81.2	130 138 391	21 4200
7684	7.9	19 25.86	2.5659	0.0013	24 46 29.7	11.462	0.302	81.9	283 299 393	24 4116
7685	7.2	19 39.55	2.6496	0.0008	21 4 59.6	11.478	0.312	81.3	160 165 389	21 4203
7686	8.8	20 19 40.90	+2.5868	+0.0012	+23 52 59.8	+11.480	+0.304	81.9	294 326 384	23 4010
7687	8.6	19 43.32	2.6217	0.0010	22 20 37.9	11.483	0.309	81.8	315 321 325	22 4045
7688	9.0	19 43.37	2.6222	0.0010	22 19 13.4	11.483	0.309	81.8	315 321 325	22 4046
7689	8.9	19 44.32	2.5917	0.0012	23 40 24.6	11.484	0.305	81.9	288 296 387	23 4011
7690	7.9	19 48.65	2.6062	0.0011	23 2 22.2	11.489	0.307	81.8	311 324 336	22 4047
7691	9.0	20 19 52.86	+2.6681	+0.0006	+20 14 48.0	+11.494	+0.314	81.7	158 159 390 396	20 4556
7692	8.9	19 57.91	2.5863	0.0012	23 55 22.0	11.500	0.304	82.0	294 326 391	23 4014
7693	8.9	19 59.96	2.6156	0.0010	22 38 10.3	11.503	0.308	81.1	162 167 319	22 4048
7694	5.9	20 8.91	2.6520	0.0008	21 0 11.9	11.513	0.312	81.5	160 165 336 385	20 4559
7695	8.6	20 9.73	2.5758	0.0013	24 23 51.0	11.514	0.303	82.0	306 313 388	24 4122
7696	9.1	20 20 16.23	+2.6449	+0.0008	+21 19 58.9	+11.522	+0.311	80.9	130 138 319	21 4207
7697	8.4	20 20.26	2.5634	0.0013	24 56 36.8	11.527	0.301	81.9	283 299 389	24 4125
7698	7.8	20 27.35	2.6704	0.0006	20 10 30.2	11.535	0.314	81.7	158 159 390 396	20 4561
7699	8.3	20 33.13	2.6038	0.0011	23 11 39.1	11.542	0.306	81.6	288 296 324	23 4017
7700	8.5	20 47.44	2.5850	0.0012	24 2 13.9	11.559	0.303	81.9	294 328 384	23 4018

[1] Dupl. med. [2] Z. 130 138 165 325 383 384 [3] Z. 385 20".8 ausgeschlossen

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7701	8.6	20h 21m 7s.86	+2s.5676	+0s.0014	+24° 49′ 0″.2	+11″.584	+0″.301	82.0	306 313 387	24° 4130
7702	8.5	21 23.03	2.5619	0.0014	25 4 45.4	11.602	0.300	81.9	283 299 385	25 4237
7703	8.9	21 31.35	2.6624	0.0007	20 36 22.7	11.612	0.312	81.3	160 165 388	20 4569
7704	8.8	21 36.79	2.6476	0.0008	21 17 21.6	11.618	0.310	81.7	130 138 390 396	21 4212
7705	8.7	21 37.59	2.6722	0.0006	20 9 33.8	11.619	0.313	81.3	158 159 391	20 4570
7706	9.0	20 21 37.78	+2.5611	+0.0014	+25 7 45.1	+11.619	+0.299	82.0	306 313 393	25 4239
7707	9.2	21 38.76	2.5599	0.0014	25 11 0.7	11.620	0.299	82.7	393	[25 4240]
7708	8.9	21 38.78	2.5814	0.0013	24 15 1.3	11.620	0.302	82.0	294 326 389	24 4133
7709	6.0	21 39.85	2.6742	0.0006	20 3 58.9	11.622	0.313	81.1	158 159 336	20 4571
7710	8.9	21 54.13	2.6270	0.0010	22 14 29.5	11.639	0.307	81.6	162 319 384	22 4059
7711	6.9	20 21 55.59	+2.6016	+0.0012	+23 22 44.6	+11.640	+0.304	81.9	288 296 391	23 4023
7712	8.5	21 56.23	2.5806	0.0013	24 18 13.2	11.641	0.301	81.7	294 326	24 4134
7713	8.6	21 56.36	2.6044	0.0011	23 15 19.2	11.641	0.304	81.6	288 296	23 4022
7714	8.0	22 7.32	2.6365	0.0009	21 49 35.3	11.654	0.308	82.0	315 321 387	21 4214
7715	8.7	22 8.96	2.6533	0.0008	21 3 36.7	11.656	0.310	80.9	130 138 319	20 4576
7716	9.3	20 22 14.78	+2.6590	+0.0008	+20 48 16.0	+11.663	+0.310	81.3	160 165 390	20 4577
7717	8.8	22 27.58	2.6551	0.0008	20 59 50.7	11.678	0.310	82.0	304 317 396	20 4579
7718	8.4	22 32.67	2.6557	0.0008	20 58 32.8	11.684	0.310	81.7	300 304 317	20 4580
7719	7.6	22 41.98	2.6395	0.0009	21 43 26.7	11.695	0.308	82.0	315 321 325 389	21 4221
7720	8.6	22 48.50	2.6582	0.0008	20 52 32.6	11.703	0.310	81.3	160 165 385	20 4583
7721	7.9	20 22 49.42	+2.6750	+0.0006	+20 5 58.2	+11.704	+0.312	81.3	158 159 388	20 4584
7722	8.8	22 59.82	2.5741	0.0014	24 39 31.4	11.716	0.300	81.6	283 299 324	24 4141
7723	9.0	23 7.20	2.6424	0.0009	21 37 5.9	11.725	0.308	80.9	130 138 325	21 4224
7724	8.0	23 9.35	2.6561	0.0008	20 59 31.6	11.728	0.309	81.3	160 165 384	20 4585
7725	9.2	23 13.80	2.5972	0.0012	23 39 36.6	11.733	0.302	81.6	288 296 311	{ 23 4030
7726	9.1	20 23 15.41	+2.5974	+0.0012	+23 39 11.6	+11.735	+0.302	81.7	306 311 313	
7727	8.7	23 16.50	2.6408	0.0009	21 42 3.3	11.736	0.307	82.0	315 321 387	21 4225
7728	8.0	23 28.99	2.6428	0.0009	21 37 23.9	11.751	0.307	82.2	304 317 390 396	21 4227
7729	8.7	23 31.47	2.6333	0.0010	22 3 25.0	11.754	0.306	81.6	162 319 391	21 4228
7730	9.1	23 37.22	2.6450	0.0009	21 31 52.0	11.761	0.307	82.0	315 321 385	21 4229
7731	9.1	20 23 43.18	+2.6512	+0.0009	+21 15 0.8	+11.768	+0.308	82.1	331 336 383	21 4231
7732	9.3	23 43.53	2.6474	0.0009	21 25 43.9	11.768	0.308	82.0	317 328 331 389	21 4230
7733	7.9	23 59.99	2.5757	0.0014	24 39 30.1	11.788	0.299	81.8	283 299 384	24 4145
7734	8.6	24 14.96	2.6748	0.0007	20 11 18.5	11.805	0.310	81.3	158 159 388	20 4593
7735	8.6	24 24.09	2.5991	0.0013	23 39 4.4	11.816	0.301	81.9	288 296 387	23 4038
7736	9.4	20 24 27.40	+2.6365	+0.0010	+21 58 13.2	+11.820	+0.306	82.0	315 321 328 390	21 4233
7737	8.6	24 27.75	2.6208	0.0011	22 41 0.8	11.820	0.304	81.5	162 319 324	22 4078
7738	8.4	24 32.96	2.6490	0.0009	21 24 8.9	11.826	0.307	81.1	130 138 304 317	21 4235
7739	8.8	24 33.81	2.5726	0.0014	24 49 54.1	11.827	0.298	81.9	283 299 391	24 4149
7740	9.1	24 37.54	2.6237	0.0011	22 33 50.4	11.832	0.304	82.0	162 383 385	22 4080
7741	9.1	20 24 42.86	+2.6695	+0.0007	+20 28 3.8	+11.838	+0.309	81.3	158 159 396	20 4594
7742	9.0	24 42.95	2.5728	0.0014	24 50 7.6	11.838	0.298	81.9	283 299 393	24 4151
7743	8.7	24 57.36	2.6184	0.0011	22 49 31.3	11.855	0.303	81.5	162 319 324	22 4082
7744	9.0	25 0.49	2.6559	0.0009	21 6 56.4	11.859	0.307	81.3	160 165 389	21 4238
7745	9.1	25 11.82	2.6412	0.0010	21 48 18.1	11.872	0.305	82.0	315 321 384	21 4239
7746	6.0	20 25 22.77	+2.6764	+0.0007	+20 11 5.1	+11.885	+0.309	81.7	158 159 385 388	20 4602
7747	9.1	25 28.32	2.6360	0.0010	22 3 28.8	11.892	0.304	82.0	304 317 387	21 4242
7748	8.8	25 31.23	2.6534	0.0009	21 15 38.6	11.895	0.306	80.8	160 165	21 4243
7749	9.2	25 38.42	2.6630	0.0008	20 49 27.3	11.903	0.307	82.2	328 383	20 4603
7750	8.5	25 54.73	2.6459	0.0010	21 38 2.8	11.923	0.305	81.7	304 317	21 4246

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7751	6.7	20h 26m 0s.67	+2s.6495	+0s.0009	+21° 28′ 27″.4	+11″.929	+0″.305	81.2	130 138 389	21° 4247
7752	8.7	26 6.82	2.5675	0.0015	25 9 58.7	11.937	0.296	81.9	283 299 393	25 4270
7753	8.7	26 10.84	2.5872	0.0014	24 18 8.3	11.941	0.298	81.7	294 326	24 4154
7754	8.8	26 12.95	2.6629	0.0008	20 51 54.3	11.944	0.307	81.3	160 165 384	20 4606
7755	8.7	26 13.33	2.6130	0.0012	23 9 16.7	11.944	0.301	81.6	288 296	23 4045
7756	8.8	20 26 17.93	+2.6116	+0.0012	+23 13 16.2	+11.950	+0.301	81.6	288 296	23 4046
7757	8.7	26 19.09	2.6014	0.0013	23 40 52.5	11.951	0.300	81.9	288 296 388	23 4047
7758	8.0	26 35.37	2.6477	0.0010	21 35 31.2	11.970	0.305	81.9	331 336	21 4249
7759	9.1	26 39.76	2.6709	0.0008	20 31 8.7	11.975	0.307	82.2	328 383	20 4610
7760	5.8	26 40.17	2.6302	0.0011	22 24 7.2	11.976	0.303	81.7	306 313	22 4093
7761	7.2	20 26 40.57	+2.6726	+0.0008	+20 26 14.2	+11.976	+0.307	80.7	158 159	20 4611
7762	8.3	26 43.74	2.5739	0.0015	24 55 47.0	11.980	0.296	81.7	294 326	24 4157
7763	8.8	26 49.08	2.6442	0.0010	21 46 4.9	11.986	0.304	81.7	304 317	21 4251
7764	8.7	27 27.29	2.6323	0.0011	22 21 19.6	12.031	0.302	81.7	306 313	22 4098
7765	8.8	27 27.92	2.6310	0.0011	22 25 7.7	12.032	0.302	81.7	306 313	22 4097
7766	8.9	20 27 37.80	+2.6191	+0.0012	+22 58 15.4	+12.043	+0.300	81.8	311 328	22 4099
7767	8.1	27 38.37	2.6463	0.0010	21 43 31.4	12.044	0.303	81.7	304 317	21 4253
7768	8.6	27 43.51	2.5706	0.0015	25 8 41.5	12.050	0.294	81.6	283 299	25 4277
7769	7.9	27 55.82	2.6286	0.0011	22 33 27.4	12.064	0.301	81.8	319 328	22 4101
7770	9.1	27 57.38	2.6511	0.0010	21 31 22.5	12.066	0.304	82.6	384 387	21 4256
7771	8.6	20 27 58.95	+2.6319	+0.0011	+22 24 39.8	+12.068	+0.301	81.7	306 313	22 4102
7772	8.8	28 0.07	2.6544	0.0010	21 22 22.0	12.069	0.304	81.8	319 328	21 4258
7773	8.3	28 2.47	2.6692	0.0008	20 40 51.2	12.072	0.306	80.8	160 165	20 4623
7774	9.0	28 6.65	2.6692	0.0008	20 41 6.6	12.077	0.306	80.8	160 165	20 4625
7775	8.5	28 10.77	2.6217	0.0012	22 53 28.4	12.081	0.300	82.0	311 325 387	22 4103
7776	9.1	20 28 14.55	+2.6777	+0.0008	+20 17 42.5	+12.086	+0.306	80.7	158 159	20 4627
7777	8.2	28 24.14	2.6025	0.0014	23 46 28.0	12.097	0.297	81.6	288 296	23 4054
7778	6.4	28 35.79	2.6726	0.0008	20 33 29.0	12.111	0.305	80.8	160 165	20 4629
7779	8.2	28 36.47	2.5710	0.0016	25 11 24.4	12.111	0.294	81.6	283 299	25 4284
7780	8.7	28 39.35	2.6316	0.0012	22 28 8.6	12.115	0.301	81.2	162 319	22 4107
7781	8.9	20 28 41.46	+2.6529	+0.0010	+21 29 7.6	+12.117	+0.303	82.3	336 387	21 4267
7782	9.1	28 45.34	2.5709	0.0016	25 12 17.5	12.122	0.293	81.6	283 299	25 4288
7783	8.8	28 48.79	2.5893	0.0015	24 23 44.6	12.126	0.296	81.9 81.7	294 326a 385	24 4165
7784	9.0	28 51.78	2.6537	0.0010	21 27 32.1	12.129	0.303	82.6	384 387	21 4269
7785	8.8	29 1.79	2.5959	0.0014	24 6 53.4	12.141	0.296	81.7	294 328	24 4168
7786	9.2	20 29 12.10	+2.6472	+0.0011	+21 46 58.4	+12.153	+0.302	81.7	315 321	21 4271
7787	9.0	29 15.80	2.6078	0.0014	23 35 36.0	12.157	0.297	81.6	288 296	23 4060
7788	8.9	29 22.45	2.6318	0.0012	22 30 31.3	12.165	0.300	81.5	162 319 325	22 4110
7789	8.9	29 22.58	2.6207	0.0013	23 1 5.6	12.165	0.299	81.7	311 324	22 4111
7790	9.2	29 35.04	2.5731	0.0016	25 10 17.8	12.179	0.293	81.6	283 299	25 4291
7791	7.8	20 29 35.43	+2.6152	+0.0013	+23 16 51.5	+12.180	+0.298	81.6	288 296	23 4065
7792	9.1	29 37.71	2.6284	0.0012	22 40 59.0	12.182	0.299	81.7	311 324	22 4112
7793	8.7	29 41.49	2.6806	0.0008	20 14 51.0	12.187	0.305	80.7	158 159	20 4632
7794	9.0	29 47.39	2.6295	0.0012	22 38 38.4	12.194	0.299	81.7	311 324	22 4115
7795	8.8	29 51.74	2.5932	0.0015	24 17 40.7	12.199	0.295	82.3	294 384 385	24 4176
7796	8.9	20 30 1.22	+2.5880	+0.0015	+24 32 27.6	+12.210	+0.294	81.7	294 328	24 4177
7797	7.8	30 31.59	2.5775	0.0016	25 2 49.6	12.245	0.292	81.6	283 299	24 4183
7798	8.7	30 47.57	2.6837	0.0008	20 10 1.9	12.263	0.304	81.2	158 159 304 317	20 4640
7799	8.7	30 47.78	2.5874	0.0015	24 37 20.7	12.263	0.293	81.7	294 328	24 4184
7800	8.9	31 2.19	2.6178	0.0013	23 15 51.0	12.280	0.297	81.6	288 296	23 4074

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7801	9.5	20h 31m 2s.78	+2s.6650	+0s.0010	+21° 4' 21".1	+12".281	+0".302	82.7	386	— —
7802	9.5	31 12.19	2.6663	0.0010	21 1 7.1	12.292	0.302	82.4	321 384 396	20° 4642
7803	9.0	31 18.57	2.6459	0.0011	21 59 9.2	12.299	0.300	81.3	162 336	21 4284
7804	8.6	31 22.73	2.6220	0.0013	23 5 54.0	12.304	0.297	81.6	288 296	23 4076
7805	8.1	31 26.53	2.6642	0.0010	21 8 9.2	12.308	0.301	82.0	304 317 396	21 4285
7806	8.9	20 31 28.73	+2.5957	+0.0015	+24 17 56.0	+12.311	+0.294	81.6	283 299	24 4189
7807	8.5	31 43.77	2.6596	0.0010	21 22 11.0	12.328	0.301	82.0	315 321 396	21 4288
7808	8.8	31 56.17	2.6679	0.0010	20 59 30.7	12.342	0.301	81.9	331 336	20 4646
7809	8.6	32 2.27	2.6205	0.0014	23 12 36.7	12.349	0.296	81.6	162 384	23 4080
7810	8.8	32 3.24	2.5918	0.0016	24 31 6.5	12.350	0.292	81.6	283 299	24 4194
7811	8.8	20 32 10.11	+2.6553	+0.0011	+21 36 3.1	+12.358	+0.300	82.0	304 317 399a	21 4292
7812	8.7	32 10.80	2.6597	0.0010	21 23 54.7	12.359	0.300	82.0	315 321 396	21 4293
7813	8.6	32 17.66	2.6022	0.0015	24 4 1.6	12.367	0.293	81.7	306 313	24 4198
7814	8.8	32 21.46	2.6634	0.0010	21 13 59.9	12.371	0.300	82.2	336 385	21 4294
7815	8.4	32 22.05	2.6745	0.0009	20 42 28.1	12.372	0.302	82.2	331 384	} 20 4651
7816	8.7	20 32 22.34	+2.6743	+0.0009	+20 43 1.2	+12.372	+0.302	82.6	384 386	}
7817	9.2	32 24.75	2.6720	0.0009	20 49 52.1	12.375	0.301	82.3	331 389 391	20 4652
7818	8.7	32 34.20	2.6013	0.0015	24 7 41.5	12.386	0.293	81.7	306 313	24 4199
7819	8.0	32 35.86	2.6833	0.0009	20 18 9.9	12.388	0.302	80.7	158 159	20 4653
7820	8.4	32 39.90	2.6000	0.0015	24 11 36.3	12.392	0.293	81.7	306 313	24 4200
7821	9.3	20 32 44.23	+2.6282	+0.0013	+22 54 28.9	+12.397	+0.296	81.2	162 319	22 4133
7822	9.2	32 44.78	2.6803	0.0009	20 27 10.3	12.398	0.302	80.7	158 159	20 4654
7823	9.0	32 45.14	2.6577	0.0011	21 31 45.2	12.398	0.299	81.7	315 321	21 4300
7824	8.2[1]	32 45.94	2.5879	0.0016	24 44 41.5	12.399	0.291	82.2	328 388	24 4202
7825	9.0	32 48.58	2.5858	0.0016	24 50 45.0	12.402	0.291	82.6	385 388	24 4203
7826	8.5	20 32 53.79	+2.6804	+0.0009	+20 27 41.5	+12.408	+0.302	80.7	158 159	20 4656
7827	9.1	32 56.13	2.6714	0.0010	20 53 28.5	12.411	0.301	81.9	331 336	20 4657
7828	5.5	32 56.38	2.6741	0.0010	20 45 48.2	12.411	0.301	80.8	160 165	20 4658
7829	8.7	32 57.76	2.6345	0.0013	22 37 53.1	12.413	0.296	82.6	384 387	22 4134
7830	8.5	32 58.27	2.6191	0.0014	23 20 33.6	12.413	0.295	82.2	324 390	23 4083
7831	8.5	20 32 58.54	+2.5792	+0.0017	+25 9 12.8	+12.414	+0.290	82.2	328 388	25 4308
7832	5.7	33 5.23	2.6120	0.0015	23 40 42.3	12.421	0.294	82.3	334 390	23 4084
7833	5.8	33 7.14	2.6215	0.0014	23 14 34.9	12.424	0.295	82.2	324 391	23 4085
7834	7.5	33 18.76	2.5978	0.0016	24 20 24.4	12.437	0.292	82.6	385 393	24 4205
7835	9.1	33 18.52	2.6681	0.0010	21 4 31.9	12.437	0.300	82.7	386 391	} 21 4301
7836	9.1	20 33 19.37	+2.6681	+0.0010	+21 4 29.3	+12.438	+0.300	81.7	315 321	}
7837	7.8	33 21.68	2.5807	0.0017	25 6 46.2	12.440	0.290	82.2	328 388	25 4310
7838	8.9	33 36.22	2.6070	0.0015	23 56 43.2	12.457	0.292	82.3	334 390	23 4088
7839	6.4	33 37.54	2.6621	0.0011	21 22 39.8	12.458	0.299	82.3	336 387	21 4305
7840	8.9	33 37.93	2.6183	0.0014	23 25 31.9	12.459	0.294	81.8	319 324	23 4089
7841	8.3	20 33 39.91	+2.6063	+0.0015	+23 58 39.3	+12.461	+0.292	82.2	334 384	23 4090
7842	9.3	33 47.16	2.6799	0.0009	20 32 34.3	12.469	0.301	82.6	385 393	20 4662
7843	9.0	33 48.72	2.6744	0.0010	20 48 28.1	12.471	0.300	82.3	331 393	20 4663
7844	9.0	33 52.74	2.6324	0.0013	22 47 35.8	12.476	0.295	81.7	162 390	22 4141
7845	9.1	33 57.87	2.6754	0.0010	20 45 57.4	12.482	0.300	80.8	160 165	20 4664
7846	8.2	20 34 0.98	+2.6647	+0.0011	+21 16 51.3	+12.485	+0.299	82.7	386 391	21 4307
7847	9.2	34 5.66	2.6818	0.0009	20 28 17.4	12.491	0.301	80.7	158 159	20 4665
7848	8.0	34 6.07	2.6655	0.0011	21 14 57.0	12.491	0.299	82.7	386 391	21 4308
7849	8.5	34 24.25	2.6564	0.0011	21 42 12.8	12.512	0.297	82.3	336 387	21 4310
7850	8.5	34 24.62	2.6602	0.0011	21 31 20.6	12.512	0.298	81.7	315 321	21 4312

[1] Dupl. maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7851	8.3	20h 34m 26s.19	+2s.5979	+0s.0016	+24° 25′ 11″.5	+12″.514	+0″.291	82.2	328 384	24° 4207
7852	8.8	34 30.14	2.5893	0.0017	24 48 50.4	12.518	0.290	81.7	294 334	24 4208
7853	8.6	34 35.28	2.6153	0.0015	23 38 2.3	12.524	0.292	81.6	288 296	23 4094
7854	8.3	34 43.86	2.6187	0.0015	23 29 15.7	12.534	0.293	81.8	319 324	23 4095
7855	8.2	34 44.86	2.6835	0.0009	20 25 46.1	12.535	0.300	81.3	158 159 396	20 4671
7856	7.6	20 35 2.93	+2.6619	+0.0011	+21 29 5.0	+12.556	+0.297	81.7	315 321	21 4318
7857	8.9	35 6.66	2.6716	0.0010	21 1 34.7	12.560	0.298	81.9	331 336	20 4674
7858	8.9	35 10.26	2.6452	0.0013	22 17 6.0	12.564	0.295	82.2	328 390	22 4144
7859	9.0	35 14.04	2.6360	0.0013	22 43 17.5	12.568	0.294	81.7	162 388	22 4146
7860	9.0	35 16.81	2.6247	0.0014	23 15 5.0	12.572	0.293	81.8	319 324	23 4098
7861	9.3	20 35 30.41	+2.6706	+0.0011	+21 6 12.5	+12.587	+0.298	82.3	331 390	21 4319
7862	9.2	35 30.82	2.6706	0.0011	21 6 7.5	12.587	0.298	82.2	336 385	
7863	8.8	35 31.38	2.6772	0.0010	20 47 13.0	12.588	0.299	81.3	160 165 389	20 4676
7864	9.0	35 34.72	2.6773	0.0010	20 47 0.7	12.592	0.298	81.6	160 384	20 4677
7865	8.6	35 49.28	2.6689	0.0011	21 12 16.2	12.608	0.297	81.7	315 321	21 4321
7866	8.7	20 36 10.15	+2.6186	+0.0015	+23 35 48.9	+12.632	+0.291	81.6	288 296	23 4106
7867	7.3	36 14.73	2.6157	0.0016	23 44 15.3	12.637	0.291	81.7	294 326	23 4107
7868	7.3	36 15.53	2.6889	0.0009	20 16 13.8	12.638	0.299	81.3	158 159 396	20 4680
7869	8.7	36 16.13	2.6778	0.0010	20 48 25.1	12.639	0.298	80.8	160 165	20 4681
7870	8.1	36 17.41	2.6895	0.0009	20 14 30.9	12.640	0.299	80.7	158 159	20 4682
7871	8.6	20 36 18.11	+2.6502	+0.0013	+22 7 38.9	+12.641	+0.295	82.3	328 389 393	22 4154
7872	8.3	36 19.39	2.6416	0.0014	22 32 17.5	12.643	0.294	81.9	162 389 399a	22 4155
7873	9.0	36 29.98	2.5909	0.0017	24 53 36.5	12.654	0.288	81.9 82.1	283 299a 388	24 4216
7874	8.7	36 53.17	2.6683	0.0011	21 18 21.6	12.681	0.296	81.7	315 321	21 4325
7875	8.9	36 53.44	2.5925	0.0017	24 51 8.3	12.681	0.287	82.1	283 388	24 4218
7876	8.7	20 36 57.96	+2.6279	+0.0015	+23 13 27.6	+12.686	+0.291	82.3	334 390	23 4109
7877	8.7	36 59.77	2.6211	0.0015	23 32 39.0	12.688	0.291	81.6	288 296	23 4110
7878	8.8	37 6.00	2.6573	0.0012	21 50 45.1	12.695	0.295	81.9	331 336	21 4328
7879	8.8	37 8.20	2.6757	0.0011	20 58 4.3	12.698	0.297	82.2	328 391	20 4690
7880	7.9	37 14.06	2.6874	0.0010	20 24 31.2	12.704	0.298	80.7	158 159	20 4691
7881	8.9	20 37 17.80	+2.5891	+0.0018	+25 2 18.5	+12.709	+0.287	81.7	294 326	24 4220
7882	9.1[1]	37 33.32	2.6509	0.0013	22 10 56.7	12.726	0.293	81.8	319 324	22 4162
7883	8.8	37 35.78	2.6831	0.0010	20 38 20.8	12.729	0.297	81.7	315 321	20 4693
7884	9.0	37 35.96	2.6103	0.0016	24 5 21.4	12.729	0.289	81.7	294 326	24 4222
7885	8.7	37 36.81	2.5976	0.0018	24 40 42.1	12.730	0.287	82.1	283 388	24 4221
7886	8.6	20 37 47.17	+2.6436	+0.0014	+22 32 42.5	+12.742	+0.292	82.3	334 393	22 4163
7887	8.5	37 56.20	2.6301	0.0015	23 11 44.6	12.752	0.291	81.6	288 296	23 4119
7888	8.6	37 58.64	2.6805	0.0011	20 47 38.1	12.755	0.296	80.8	160 165	20 4697
7889	9.2	38 0.61	2.6379	0.0014	22 49 50.9	12.757	0.291	82.2	328 390	22 4164
7890	7.1	38 1.63	2.5879	0.0018	25 9 10.7	12.758	0.286	82.7	387 388	25 4348
7891	8.8	20 38 2.89	+2.6542	+0.0013	+22 3 53.1	+12.759	+0.293	82.1	319 324 399a	21 4334
7892	8.2	38 4.15	2.6328	0.0015	23 4 44.8	12.761	0.291	82.3	334 391	23 4121
7893	8.7	38 7.46	2.6828	0.0010	20 41 16.6	12.764	0.296	82.4	321 386 393	20 4698
7894	6.8	38 19.01	2.6276	0.0015	23 20 28.9	12.777	0.290	82.3	334 390	23 4124
7895	8.8	38 19.83	2.6293	0.0015	23 15 41.3	12.778	0.290	81.6	288 296	23 4123
7896	7.5	20 38 25.17	+2.6779	+0.0011	+20 57 0.1	+12.784	+0.295	81.3	160 165 389	20 4699
7897	8.6	38 43.22	2.6216	0.0016	23 39 8.3	12.805	0.289	81.7	294 326a 334	23 4125
7898	8.9	38 43.75	2.6559	0.0013	22 1 48.0	12.805	0.293	81.8	319 324	21 4341
7899	8.6	38 47.05	2.6746	0.0012	21 8 3.2	12.809	0.295	81.9	331 336	21 4342
7900	8.3	38 51.76	2.6802	0.0011	20 51 57.7	12.814	0.295	80.8	160 165	20 4700

[1] Maj. austr.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7901	8.7	20h 38m 55s.52	+2s.6164	+0s.0017	+23° 54' 28".0	+12".818	+0".288	81.6	288 296	23° 4126
7902	8.5	38 59.30	2.6257	0.0016	23 28 55.2	12.823	0.289	82.7	387 391	{23 4127
7903	8.5	38 59.44	2.6257	0.0016	23 28 52.6	12.823	0.289	82.2	328 391	
7904	8.5	39 1.61	2.6271	0.0016	23 25 10.9	12.825	0.289	82.7	386 391	23 4128
7905	8.2	39 6.19	2.6324	0.0015	23 10 24.2	12.830	0.290	82.6	384 387	23 4129
7906	8.8	20 39 12.90	+2.6940	+0.0010	+20 13 4.8	+12.838	+0.296	81.2	168 285	20 4702
7907	9.2	39 14.35	2.6904	0.0010	20 23 44.7	12.840	0.296	82.2	331 336 399a 400a	20 4703
7908	8.2	39 15.02	2.6037	0.0018	24 31 31.2	12.840	0.286	81.9	283 299 400a	24 4228
7909	8.9	39 17.07	2.6423	0.0015	22 43 13.4	12.843	0.290	82.7	393 396	[22 4169]
7910	8.6	39 18.83	2.6420	0.0015	22 43 59.2	12.845	0.290	82.2	324 393	22 4170
7911	8.7	20 39 23.64	+2.6316	+0.0016	+23 14 6.9	+12.850	+0.289	82.6	384 386	23 4133
7912	5.0	39 27.94	2.5976	0.0018	24 49 26.0	12.855	0.285	82.6	385 388	24 4229
7913	8.7	39 32.76	2.6225	0.0016	23 40 18.0	12.860	0.288	82.3	334 390	23 4135
7914	8.6	39 42.81	2.5901	0.0019	25 11 12.1	12.871	0.284	82.7	393 396	25 4361
7915	9.1	39 45.27	2.6885	0.0011	20 31 21.7	12.874	0.295	81.2	168 285	20 4704
7916	8.2	20 39 50.22	+2.6004	+0.0018	+24 43 25.2	+12.880	+0.285	82.7	386 390	24 4232
7917	8.6	39 50.86	2.5971	0.0019	24 52 27.3	12.880	0.285	82.6	385 388	24 4233
7918	8.6	39 54.29	2.6518	0.0014	22 18 38.2	12.884	0.291	82.7	387 389	22 4173
7919	8.0	40 1.38	2.6870	0.0011	20 36 57.1	12.892	0.295	81.9	331 336	20 4708
7920	7.9	40 9.26	2.6469	0.0015	22 33 47.4	12.901	0.290	82.2	324 391	22 4176
7921	8.5[1]	20 40 11.37	+2.6114	+0.0018	+24 14 32.0	+12.903	+0.286	82.7	386 393 396	24 4235
7922	8.0	40 13.87	2.6491	0.0014	22 28 0.6	12.906	0.290	82.6	385 390	22 4178
7923	8.4	40 14.55	2.6930	0.0010	20 20 10.2	12.907	0.295	81.2	168 285	20 4709
7924	8.6	40 15.86	2.6563	0.0014	22 7 16.8	12.908	0.291	82.7	387 391	22 4179
7925	8.7	40 17.14	2.6206	0.0017	23 49 0.8	12.910	0.287	81.6	288 296	23 4140
7926	9.1	20 40 18.52	+2.6748	+0.0012	+21 13 48.6	+12.911	+0.293	82.1	331 336 399a	21 4346
7927	8.9	40 37.79	2.6289	0.0016	23 27 16.3	12.933	0.288	82.3	334 388	23 4143
7928	7.7	41 16.85	2.6183	0.0018	24 0 18.8	12.976	0.286	81.6	288 296	23 4148
7929	8.4	41 35.05	2.6707	0.0013	21 31 13.1	12.996	0.291	82.1	331 336 391	21 4350
7930	8.5	41 35.98	2.6275	0.0017	23 35 49.9	12.998	0.286	81.9	288 296 393	23 4150
7931	9.0	20 41 37.63	+2.6305	+0.0017	+23 27 19.0	+12.999	+0.287	82.3	334 388 390	23 4151
7932	9.2	41 38.22	2.6647	0.0014	21 48 58.1	13.000	0.290	82.6	385 388	[21 4351]
7933	8.9	41 38.63	2.6525	0.0015	22 24 24.9	13.000	0.289	82.2	324 389	22 4188
7934	8.5[2]	41 38.86	2.5985	0.0019	24 57 28.3	13.001	0.283	82.1	294 387	24 4241
7935	9.1	41 39.97	2.6652	0.0014	21 47 39.9	13.002	0.290	81.2	168 285	21 4352
7936	9.1	20 41 58.27	+2.6485	+0.0015	+22 37 28.0	+13.022	+0.288	81.8	324 331 335 336	22 4193
7937	8.1	42 7.65	2.6568	0.0014	22 14 14.3	13.033	0.289	81.7	315 321	22 4194
7938	8.4	42 14.65	2.6661	0.0014	21 47 47.6	13.040	0.290	81.2	168 285	21 4356
7939	8.7	42 43.02	2.6170	0.0018	24 10 46.6	13.072	0.284	82.0	283 384	24 4245
7940	7.4	42 47.35	2.6878	0.0012	20 46 21.4	13.077	0.292	81.6	134 136 385 390	20 4720
7941	8.7	20 42 48.38	+2.6155	+0.0018	+24 15 29.9	+13.078	+0.284	82.0	294 326 391	24 4247
7942	8.2	42 58.24	2.6800	0.0013	21 9 57.1	13.089	0.291	81.3	160 165 387	21 4362
7943	8.7	42 58.58	2.6496	0.0016	22 39 0.8	13.089	0.287	81.8	162 335 396	22 4198
7944	8.6	42 59.42	2.6698	0.0014	21 40 7.5	13.090	0.289	81.7	168 285 393	21 4363
7945	7.5	43 0.48	2.6517	0.0015	22 33 3.2	13.091	0.287	81.2	162 319	22 4199
7946	8.5	20 43 17.41	+2.6144	+0.0019	+24 20 55.1	+13.110	+0.283	81.8	308 330 334	24 4249
7947	8.1	43 19.38	2.6525	0.0015	22 31 58.0	13.112	0.287	81.2	162 319	22 4203
7948	8.8	43 21.58	2.6656	0.0014	21 54 5.8	13.114	0.289	81.9	297 302 387	21 4365
7949	8.4	43 29.95	2.6653	0.0014	21 55 42.1	13.124	0.288	81.7	297 302 328	21 4366
7950	8.1	43 34.88	2.5965	0.0020	25 12 37.3	13.129	0.281	81.9	283 299 334 390	25 4383

[1] Dupl. 2"-3" med. [2] Dupl. 1"-2" med.



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
7951	8.3	$20^{h}\,43^{m}\,40^{s}.20$	$+2^{s}.5967$	$+0^{s}.0020$	+25° 12' 28".4	$+13''.135$	$+0''.281$	81.8	283 299 384	25° 4384
7952	8.8	43 42.16	2.6120	0.0019	24 29 35.2	13.137	0.282	81.9	294 326 385	24 4251
7953	9.3	44 3.28	2.6793	0.0013	21 16 59.0	13.160	0.289	81.1	160 165 335	21 4374
7954	8.6	44 14.24	2.6149	0.0019	24 24 10.3	13.172	0.282	82.2	308 330 391	24 4253
7955	8.4	44 23.77	2.6972	0.0011	20 24 57.1	13.183	0.291	81.5	134 136 386 387	20 4726
7956	8.9	20 44 29.00	+2.6763	+0.0014	+21 27 37.6	+13.189	+0.288	81.6	168 285 384	21 4376
7957	8.7	44 31.99	2.6497	0.0016	22 45 57.4	13.192	0.285	81.6	162 319 393	22 4213
7958	9.4	44 39.23	2.6842	0.0013	21 5 3.4	13.200	0.289	81.3	160 165 389	21 4377
7959	8.9	44 42.05	2.6701	0.0014	21 47 1.4	13.203	0.287	81.6	168 285 396	21 4378
7960	9.0	44 47.58	2.6866	0.0013	20 58 31.9	13.209	0.289	81.2	134 136 385	20 4729
7961	8.6	20 44 54.75	+2.6640	+0.0015	+22 5 48.3	+13.217	+0.287	81.8	297 328 331 336	22 4214
7962	8.3	44 54.93	2.6574	0.0016	22 25 17.2	13.217	0.286	82.0	308 330 396	22 4215
7963	8.0	45 5.02	2.6399	0.0017	23 16 48.5	13.228	0.284	81.9	288 296 391	23 4165
7964	7.9	45 5.69	2.6609	0.0015	22 15 53.2	13.229	0.286	81.8	315 321 324	22 4217
7965	8.7	45 49.27	2.6315	0.0018	23 44 37.9	13.277	0.282	81.9	288 296 386	23 4167
7966	8.7	20 45 54.05	+2.6933	+0.0013	+20 43 12.9	+13.282	+0.289	81.2	158 159 385	20 4738
7967	8.3	45 54.86	2.6643	0.0015	22 9 33.6	13.283	0.285	81.6	168 285 384	22 4221
7968	8.9	46 5.99	2.6889	0.0013	20 57 28.9	13.295	0.288	81.2	134 136 387	20 4741
7969	9.0	46 9.57	2.6454	0.0017	23 5 56.8	13.299	0.283	81.6	288 296 324	23 4168
7970	8.1	46 14.58	2.6802	0.0014	21 24 2.8	13.304	0.287	81.3	160 165 389	21 4387
7971	7.7	20 46 18.28	+2.6505	+0.0017	+22 51 47.2	+13.308	+0.284	81.7	162 319 386	22 4223
7972	9.2	46 20.85	2.7055	0.0011	20 8 22.3	13.311	0.289	81.7	134 136 391 396	20 4743
7973	8.6	46 41.80	2.6226	0.0020	24 14 26.7	13.334	0.280	81.7	283 299 334 335	24 4260
7974	8.9	46 55.07	2.6826	0.0014	21 19 47.3	13.348	0.286	81.3	160 165 384	21 4392
7975	8.8	47 11.62	2.6742	0.0015	21 46 8.3	13.366	0.285	81.6	168 285 387	21 4394
7976	8.6	20 47 22.91	+2.7038	+0.0012	+20 18 3.5	+13.379	+0.288	81.6	159 335 393	20 4749
7977	9.2	47 25.86	2.7003	0.0012	20 28 59.3	13.382	0.287	80.7	158	[20 4750]
7978	7.2	47 26.06	2.6196	0.0020	24 26 39.4	13.382	0.279	81.7	283 299 334	24 4263
7979	8.0	47 47.08	2.7012	0.0012	20 27 34.9	13.405	0.287	81.7	321 315	20 4752
7980	8.7	47 50.75	2.6142	0.0021	24 44 18.6	13.409	0.278	81.7	294 326	24 4265
7981	8.6	20 47 53.02	+2.6722	+0.0015	+21 55 23.2	+13.411	+0.284	82.0	297 328 386	21 4396
7982	9.0	47 57.60	2.6885	0.0014	21 6 54.6	13.416	0.286	82.1	315 385	21 4397
7983	8.0	48 2.77	2.6951	0.0013	20 47 27.3	13.422	0.286	80.6	134 136	20 4754
7984	8.8	48 5.51	2.7002	0.0013	20 32 1.6	13.425	0.287	81.3	158 159 331 336	20 4755
7985	8.9	48 11.41	2.6952	0.0013	20 47 37.3	13.431	0.286	80.6	134 136	20 4756
7986	8.8	20 48 13.98	+2.6273	+0.0020	+24 8 45.2	+13.434	+0.279	81.8	308 330	24 4266
7987	8.7	48 15.76	2.6662	0.0016	22 15 1.8	13.436	0.283	81.2	162 319	22 4231
7988	9.1	48 20.30	2.6943	0.0013	20 51 6.6	13.441	0.286	81.7	315 321	20 4758
7989	8.8	48 26.34	2.6311	0.0020	23 58 42.7	13.447	0.279	82.2	335 385	23 4175
7990	8.6	48 27.75	2.6384	0.0019	23 37 38.8	13.449	0.280	82.3	334 388	23 4176
7991	9.2	20 48 46.94	+2.6246	+0.0020	+24 19 6.8	+13.470	+0.278	81.8	308 330	24 4269
7992	8.7	48 52.15	2.6876	0.0014	21 13 46.4	13.475	0.285	82.3	328 389 390	21 4402
7993	9.0	48 54.33	2.6953	0.0014	20 50 46.1	13.478	0.285	80.6	134 136	20 4760
7994	8.9	49 2.18	2.6577	0.0018	22 43 57.7	13.486	0.281	82.3	335 386	22 4235
7995	8.9	49 5.05	2.6073	0.0022	25 10 20.1	13.489	0.276	81.8	308 330	25 4410
7996	9.3	20 49 5.74	+2.6481	+0.0019	+23 12 20.4	+13.490	+0.280	82.2	328 388	23 4180
7997	8.7	49 11.95	2.6516	0.0018	23 2 39.7	13.497	0.280	82.2	328 388	22 4237
7998	8.5	49 43.95	2.6591	0.0018	22 43 3.7	13.531	0.281	82.3	335 386	22 4241
7999	8.5	49 59.01	2.6177	0.0022	24 45 21.0	13.547	0.276	81.6	283 299	24 4276
8000	8.5	50 4.60	2.6894	0.0015	21 13 58.0	13.553	0.283	81.7	315 321	21 4408



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8001	8.9	20h 50m 6s.44	+2s.7006	+0s.0014	+20° 40′ 1″.9	+13″.555	+0″.284	81.3	158 159 388	20° 4768
8002	8.6	50 22.53	2.6958	0.0014	20 55 47.3	13.573	0.284	80.9	134 136 165 335	20 4770
8003	9.2	50 24.54	2.6759	0.0016	21 56 10.0	13.575	0.281	82.0	297 328 393	21 4410
8004	8.7	50 27.59	2.6751	0.0016	21 58 57.6	13.578	0.281	81.7	297 328 334	21 4411
8005	8.0	50 31.42	2.6954	0.0014	20 57 43.9	13.582	0.283	81.9	160 391 399[a]	20 4772
8006	8.9	20 50 35.12	+2.6771	+0.0016	+21 53 30.5	+13.586	+0.281	81.3	168 285 302	21 4413
8007	8.8	50 37.45	2.6892	0.0015	21 16 58.8	13.589	0.283	81.7	315 321	21 4414
8008	8.5	50 39.22	2.6729	0.0017	22 6 25.0	13.591	0.281	82.0	308 330 386	22 4244
8009	9.2	50 45.27	2.6758	0.0017	21 58 15.9	13.597	0.281	81.6	302	— —
8010	9.0	50 53.73	2.6985	0.0014	20 49 50.8	13.606	0.283	81.7	315 321	20 4775
8011	8.9	20 51 7.89	+2.7023	+0.0014	+20 39 30.0	+13.621	+0.283	81.3	158 159 388	20 4776
8012	8.9	51 13.72	2.6960	0.0015	20 59 13.0	13.628	0.283	80.6	134 136	20 4777
8013	9.2	51 21.27	2.6413	0.0020	23 43 40.2	13.636	0.277	81.9	283 299 324 391	23 4187
8014	8.6	51 27.79	2.7092	0.0013	20 19 41.7	13.643	0.284	80.8	160 165	20 4778
8015	8.4	51 29.19	2.6524	0.0019	23 11 39.9	13.644	0.278	81.3	168 285 324	23 4190
8016	8.4	20 51 40.14	+2.6687	+0.0018	+22 23 58.8	+13.656	+0.279	81.8	162 335 386	22 4248
8017	8.8	51 41.67	2.6325	0.0021	24 11 18.7	13.657	0.275	81.0	147 151 334	24 4282
8018	9.1	51 49.16	2.6729	0.0017	22 12 8.7	13.665	0.279	81.9	297 302 393	22 4249
8019	8.9	52 8.41	2.6694	0.0018	22 24 10.0	13.686	0.279	81.6	162 335 388	22 4250
8020	9.0	52 18.62	2.6661	0.0018	22 35 0.0	13.697	0.278	81.3	162 335	22 4251
8021	8.0	20 52 26.98	+2.6424	+0.0021	+23 46 15.0	+13.706	+0.275	81.0	147 151 324	23 4200
8022	8.7	52 34.84	2.7030	0.0014	20 44 5.5	13.714	0.282	80.6	134 136	20 4782
8023	9.0	52 40.10	2.6591	0.0019	22 57 41.8	13.720	0.277	81.8	308 330	22 4253
8024	5.8	52 41.05	2.6814	0.0017	21 50 36.5	13.721	0.279	81.7	168 285 390	21 4424
8025	8.1	52 41.51	2.6501	0.0020	23 24 45.7	13.721	0.276	81.7	288 296 334	23 4201
8026	6.4	20 52 44.99	+2.6672	+0.0018	+22 33 49.5	+13.725	+0.278	81.6	162 335 391	22 4254
8027	9.0	52 47.91	2.6436	0.0021	23 44 20.7	13.728	0.275	81.3	147 151 393	23 4202
8028	8.2	52 54.89	2.6635	0.0019	22 45 51.9	13.735	0.277	81.8	308 330	22 4257
8029	8.6	53 10.00	2.7119	0.0014	20 19 15.0	13.751	0.282	81.3	158 159 386	20 4786
8030	8.8	53 19.81	2.6777	0.0018	22 4 50.8	13.762	0.278	81.9	297 302 390	22 4259
8031	7.2	20 53 28.13	+2.6822	+0.0017	+21 51 56.6	+13.771	+0.278	81.7	168 285 389	21 4426
8032	8.9	53 37.26	2.7012	0.0015	20 54 29.5	13.780	0.280	81.2	134 136 390	20 4788
8033	9.0	53 37.77	2.6206	0.0023	24 56 15.1	13.781	0.272	81.6	283 294 299 326	24 4291
8034	9.2	53 40.06	2.6208	0.0023	24 55 52.9	13.783	0.272	81.7	294 326	[24 4293]
8035	8.5	53 40.90	2.7087	0.0014	20 31 24.1	13.784	0.281	81.4	5 Beob.[1]	20 4789
8036	9.1	20 53 41.35	+2.6167	+0.0024	+25 8 4.9	+13.785	+0.271	81.9	283 299 388	25 4430
8037	8.8	53 54.91	2.6312	0.0023	24 26 50.9	13.799	0.273	81.3	147 151 393	24 4295
8038	9.1	53 54.97	2.7141	0.0014	20 15 43.6	13.799	0.281	81.3	158 159 391	20 4793
8039	8.6	54 8.30	2.7036	0.0015	20 49 18.2	13.813	0.280	81.2	134 136 386	20 4794
8040	9.0	54 29.91	2.7045	0.0015	20 48 14.8	13.836	0.280	81.3	160 165 389	20 4797
8041	9.2	20 54 31.89	+2.6816	+0.0018	+21 58 56.6	+13.838	+0.277	81.7	168 285 388	21 4431
8042	9.1	54 46.93	2.7043	0.0015	20 50 11.1	13.854	0.279	81.0	134 136 328	20 4799
8043	8.9	55 9.84	2.7122	0.0015	20 27 27.9	13.878	0.280	81.3	160 165 386	20 4801
8044	8.9	55 14.94	2.6642	0.0020	22 55 24.5	13.883	0.274	81.5	162 334 335	22 4269
8045	8.4	55 24.17	2.6354	0.0023	24 22 36.1	13.893	0.271	81.3	147 151 390	24 4299
8046	8.8	20 55 27.67	+2.7191	+0.0014	+20 7 13.7	+13.897	+0.280	81.3	158 159 391	20 4803
8047	8.9	55 30.93	2.6946	0.0017	21 24 3.7	13.900	0.277	81.3	160 165 389	21 4435
8048	9.1	55 38.65	2.6935	0.0017	21 27 53.0	13.908	0.277	81.6	5 Beob.[2]	21 4437
8049	8.9	55 43.65	2.6889	0.0018	21 42 33.3	13.914	0.277	81.7	168 285 388	21 4438
8050	8.3	55 57.98	2.6960	0.0017	21 21 43.1	13.929	0.277	81.3	160 165 393	21 4439

[1] Z. 158 159 331 335 336 [2] Z. 168 285 328 331 336



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8051	8.5	20h 55m 59s.69	+2s.7039	+0s.0016	+20° 57′ 22″.7	+13″.931	+0″.278	80.6	134 136	20° 4805
8052	7.7	56 11.10	2.7108	0.0015	20 36 51.4	13.942	0.278	81.3	158 159 386	20 4806
8053	8.1	56 22.04	2.6612	0.0021	23 10 32.9	13.954	0.273	81.6	288 296 324	23 4216
8054	8.9	56 40.63	2.6731	0.0020	22 35 54.6	13.973	0.274	81.5	162 308 315 321	22 4276
8055	8.7	56 41.45	2.6517	0.0022	23 40 48.8	13.974	0.271	81.3	147 151 389	23 4217
8056	9.0	20 56 44.65	+2.6736	+0.0020	+22 34 48.3	+13.978	+0.274	81.7	308 315 321	[22 4277]
8057	7.4	56 47.98	2.6687	0.0020	22 49 59.5	13.981	0.273	81.8	162 330 335 391	22 4278
8058	8.9	56 51.25	2.6893	0.0018	21 46 50.6	13.985	0.275	81.5	168 285 331 336	21 4443
8059	7.8	56 53.29	2.7008	0.0017	21 11 21.3	13.987	0.276	81.9	297 302 390	21 4444
8060	7.7[1]	56 58.06	2.7007	0.0017	21 12 1.6	13.992	0.276	81.9	297 302 388	21 4445
8061	9.0	20 57 10.51	+2.6956	+0.0018	+21 28 59.5	+14.005	+0.275	82.0	315 321 393	21 4447
8062	7.9	57 10.55	2.6988	0.0017	21 19 4.6	14.005	0.276	81.3	160 165 386	21 4448
8063	7.9	57 39.19	2.6479	0.0023	23 57 32.4	14.035	0.270	81.0	147 151 334	23 4222
8064	8.8	57 44.69	2.6262	0.0025	25 2 42.2	14.040	0.267	81.9	283 299 390	24 4307
8065	7.7	57 57.47	2.6575	0.0022	23 30 10.0	14.054	0.270	81.9	288 296 389	23 4224
8066	8.7	20 58 5.29	+2.6950	+0.0018	+21 35 32.9	+14.062	+0.274	81.6	168 285 386	21 4454
8067	9.0	58 12.32	2.7026	0.0017	21 12 24.4	14.069	0.275	81.3	160 165 331 336	21 4455
8068	9.1	58 16.81	2.7186	0.0015	20 22 16.9	14.074	0.276	81.2	134 136 391	20 4817
8069	8.7	58 19.00	2.6706	0.0021	22 52 4.5	14.076	0.271	81.5	162 324 335	22 4286
8070	9.3	58 20.45	2.6942	0.0018	21 39 6.7	14.077	0.274	81.7	168 285 388	21 4456
8071	8.7	20 58 21.37	+2.6852	+0.0019	+22 7 11.9	+14.078	+0.273	81.7	297 302 328	22 4287
8072	9.3	58 21.90	2.6695	0.0021	22 55 36.8	14.079	0.271	81.5	162 334 335	22 4288
8073	8.6	58 31.87	2.6506	0.0023	23 53 57.7	14.089	0.269	81.3	147 151 393	23 4228
8074	8.8	58 34.91	2.6874	0.0019	22 1 42.9	14.092	0.273	81.7	297 302 331 336	21 4457
8075	var.[2]	58 49.52	2.6625	0.0022	23 19 33.1	14.108	0.270	80.7	147 151	23 4230
8076	8.7	20 58 52.24	+2.6443	+0.0024	+24 15 4.2	+14.110	+0.268	81.9	283 299 380	24 4312
8077	8.8	58 53.70	2.6771	0.0021	22 35 17.5	14.112	0.271	82.0	308 330 389	22 4289
8078	9.5	58 55.02	2.6626	0.0022	23 19 49.6	14.113	0.270	81.6	288 296	[23 4231]
8079	8.0[3]	58 57.63	2.7193	0.0016	20 23 12.4	14.116	0.276	81.2	134 136 386	20 4822
8080	8.8	59 31.72	2.6703	0.0022	22 59 25.8	14.151	0.270	81.5	162 324 335	22 4293
8081	7.8	20 59 40.86	+2.6684	+0.0022	+23 6 11.1	+14.161	+0.269	81.9	288 296 390	23 4233
8082	8.9	59 44.75	2.6487	0.0024	24 6 32.7	14.165	0.267	81.0	147 151 334	24 4317
8083	7.8	59 45.56	2.6387	0.0025	24 36 48.9	14.166	0.266	81.9	283 299 391	24 4319
8084	8.9	59 50.81	2.6325	0.0026	24 55 51.7	14.171	0.266	81.6	283 294 299 326	24 4320
8085	8.1	59 50.99	2.7236	0.0016	20 13 45.2	14.171	0.275	81.2	134 136 393	20 4826
8086	8.4	20 59 52.00	+2.7020	+0.0018	+21 22 32.9	+14.172	+0.273	81.3	160 165 386	21 4462
8087	8.5	21 0 0.46	2.6500	0.0024	24 3 58.3	14.181	0.267	81.7	294 326 328	23 4235
8088	6.5	0 15.24	2.7201	0.0016	20 26 53.9	14.196	0.274	81.2	134 136 331 336	20 4829
8089	8.3	0 15.96	2.7135	0.0017	20 48 18.1	14.197	0.273	81.3	158 159 389	20 4828
8090	8.7	0 18.21	2.6405	0.0025	24 34 20.3	14.199	0.266	82.0	294 326 391	24 4322
8091	8.9	21 0 19.63	+2.6376	+0.0026	+24 43 15.4	+14.201	+0.266	81.9	283 299 390	24 4323
8092	7.9	0 26.88	2.6521	0.0024	24 0 2.8	14.208	0.267	81.6	288 296	23 4236
8093	8.5	0 31.18	2.6515	0.0024	24 2 20.2	14.213	0.267	81.0	147 151 328	23 4237
8094	9.3	0 43.08	2.6846	0.0021	22 21 28.5	14.225	0.270	81.5	162 324 335	22 4302
8095	9.1	0 46.30	2.7080	0.0018	21 8 7.0	14.228	0.272	81.3	160 165 331 336	21 4465
8096	9.2	21 0 58.55	+2.7044	+0.0019	+21 20 30.7	+14.241	+0.272	80.8	160 165	21 4467
8097	8.0	1 0.60	2.6300	0.0027	25 10 6.4	14.243	0.264	81.6	283 299	25 4463
8098	9.1	1 2.20	2.7072	0.0018	21 12 8.3	14.244	0.272	81.2	134 136 386	21 4469
8099	8.1	1 27.98	2.6720	0.0023	23 4 49.1	14.271	0.268	81.7	168 285 389	23 4243
8100	8.7	1 30.98	2.6530	0.0025	24 3 19.0	14.274	0.266	81.0	147 151 328	23 4244

[1] Z. 302 dupl.? [2] R Vulpeculae; 8.5 8.1 [3] Dupl. 9″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8101	8.4	21^h 1^m $51^s.56$	+2^s.6758	+0^s.0023	+22° 55′ 7″.3	+14″.295	+0″.268	81.7	168 285 390	22° 4313
8102	8.6	1 52.61	2.6643	0.0024	23 30 57.0	14.296	0.266	81.9	288 296 391	23 4248
8103	8.8	1 57.19	2.6555	0.0025	23 58 22.1	14.301	0.265	81.6	283 299	} 23 4249
8104	9.4	1 57.62	2.6555	0.0025	23 58 20.3	14.301	0.265	82.5	334 386 393	
8105	9.1	2 10.74	2.6870	0.0021	22 21 53.1	14.315	0.268	81.5	162 324 335	22 4314
8106	7.5	21 2 22.45	+2.7082	+0.0019	+21 15 47.3	+14.327	+0.270	81.2	134 136 331 336	21 4471
8107	8.8	2 23.46	2.6758	0.0023	22 57 59.2	14.328	0.267	81.6	288 296	22 4316
8108	9.2	2 24.44	2.6937	0.0021	22 2 2.8	14.329	0.269	81.6	297 302	21 4472
8109	9.1	2 28.77	2.6777	0.0023	22 52 26.0	14.333	0.267	81.7	168 285 391	22 4317
8110	8.6	2 35.46	2.6640	0.0024	23 35 45.2	14.340	0.265	81.1	147 151 324 328	23 4252
8111	8.9	21 2 43.57	+2.7033	+0.0020	+21 33 16.3	+14.348	+0.269	81.3	160 165 386	21 4474
8112	8.4	2 45.08	2.6877	0.0022	22 22 48.4	14.350	0.268	81.5	162 334 335	22 4319
8113	8.2	2 51.44	2.6641	0.0024	23 36 55.2	14.356	0.265	81.7	168 285 399[a]	23 4253
8114	9.4	3 22.73	2.7264	0.0017	20 22 20.6	14.388	0.271	80.7	158 159	[20 4838]
8115	9.3	3 32.88	2.7269	0.0017	20 21 33.4	14.398	0.271	80.7	134 136 158 159	20 4839
8116	9.0	21 3 36.16	+2.6378	+0.0028	+25 1 53.6	+14.402	+0.261	81.9	283 299 390	24 4333
8117	9.0	3 36.85	2.7025	0.0020	21 40 35.4	14.402	0.268	81.3	160 165 386	21 4481
8118	8.3	3 58.84	2.6889	0.0022	22 25 43.9	14.425	0.266	81.5	162 324 335	22 4323
8119	8.4	4 6.98	2.6536	0.0026	24 16 33.6	14.433	0.262	81.7	294 326 328	24 4336
8120	8.7	4 11.83	2.7081	0.0020	21 25 30.5	14.438	0.268	81.3	160 165 391	21 4483
8121	7.8	21 4 33.60	+2.7308	+0.0017	+20 14 0.2	+14.460	+0.270	81.2	134 136 331 336	20 4844
8122	9.4	4 40.03	2.6550	0.0026	24 15 20.5	14.466	0.262	81.6	283 299	[24 4338]
8123	7.8	4 53.18	2.6995	0.0021	21 56 56.0	14.480	0.266	81.8	162 334 335 389	21 4485
8124	6.7	4 54.28	2.6996	0.0021	21 56 46.9	14.481	0.266	81.8	162 334 335 389	21 4486
8125	8.4	6 8.29	2.6804	0.0025	23 4 26.2	14.555	0.263	81.0	147 151 324	22 4330
8126	7.7	21 6 18.60	+2.6903	+0.0024	+22 34 13.4	+14.565	+0.263	81.7	168 285 393	22 4331
8127	8.3	6 21.84	2.6698	0.0026	23 39 10.3	14.569	0.261	81.6	288 296	23 4264
8128	9.0	6 24.67	2.6462	0.0029	24 53 6.5	14.572	0.259	81.6	283 299	24 4347
8129	8.5	6 52.06	2.6896	0.0024	22 39 27.3	14.599	0.263	81.7	315 321	22 4332
8130	7.6	7 14.01	2.7291	0.0019	20 33 19.3	14.621	0.266	80.6	134 136	20 4851
8131	8.5	21 7 21.32	+2.6519	+0.0029	+24 41 5.2	+14.628	+0.258	81.7	294 326	24 4351
8132	9.0	7 23.29	2.7253	0.0020	20 46 42.3	14.630	0.266	81.2	134 136 388	20 4852
8133	8.7	7 43.20	2.6799	0.0026	23 15 21.1	14.650	0.261	82.2	328 388	23 4268
8134	8.8	7 52.20	2.7147	0.0021	21 24 0.5	14.659	0.264	82.3	334 388	21 4495
8135	8.4	8 5.60	2.6447	0.0030	25 7 59.6	14.672	0.257	81.7	294 326	25 4488
8136	8.7	21 8 13.79	+2.7324	+0.0019	+20 27 44.9	+14.680	+0.265	80.6	134 136	20 4856
8137	9.0	8 22.84	2.6665	0.0028	24 1 31.8	14.689	0.258	81.7	296 334	23 4269
8138	8.8	8 35.41	2.7290	0.0020	20 40 52.7	14.702	0.264	80.6	134 136	20 4858
8139	7.8	8 55.03	2.7114	0.0022	21 40 31.9	14.721	0.262	81.2	168 285	21 4501
8140	9.0	9 31.46	2.7347	0.0020	20 26 46.4	14.757	0.264	81.5	134 136 334 390	20 4862
8141	8.6	21 9 36.07	+2.6774	+0.0027	+23 34 21.7	+14.762	+0.258	81.3	147 151 391	23 4275
8142	8.5	9 43.73	2.7203	0.0022	21 15 37.9	14.769	0.262	81.7	168 285 393	21 4504
8143	8.7	9 56.21	2.6889	0.0026	22 59 23.8	14.782	0.259	80.4	4 147 151	22 4342
8144	9.2	10 2.73	2.6975	0.0025	22 32 5.2	14.788	0.259	81.0	148 150 328	22 4343
8145	7.6	10 25.80	2.6535	0.0031	24 54 55.2	14.811	0.254	81.2	2 294 326	24 4357
8146	9.1	21 10 32.13	+2.7332	+0.0020	+20 37 21.2	+14.817	+0.262	81.2	134 136 331 336	20 4868
8147	9.1	10 35.67	2.6921	0.0026	22 53 2.8	14.821	0.258	81.0	148 150 334	22 4345
8148	8.4	10 37.58	2.7194	0.0022	21 23 37.8	14.823	0.261	81.6	168 285 386	21 4506
8149	8.9	11 22.14	2.7072	0.0025	22 8 16.7	14.866	0.259	81.9	297 302 389	22 4350
8150	8.8	11 23.14	2.6973	0.0026	22 40 52.2	14.867	0.258	80.4	4 148 150	22 4351

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8151	8.3	21h 11m 27.s80	+2.s7097	+0.s0024	+22° 0' 36."2	+14."872	+0."259	81.7	168 285 390	21° 4508
8152	9.2	11 33.08	2.6532	0.0031	25 3 8.1	14.877	0.253	81.2	2 294 326	24 4361
8153	8.3	11 53.02	2.7409	0.0020	20 18 50.4	14.896	0.261	81.0	134 136 334	20 4874
8154	8.0	11 53.61	2.7103	0.0024	22 1 12.1	14.897	0.258	81.6	168 285 386	21 4509
8155	8.4	12 5.05	2.7134	0.0024	21 51 48.3	14.908	0.258	81.9	297 302 389	21 4510
8156	9.3	21 12 7.19	+2.6689	+0.0030	+24 16 47.8	+14.910	+0.254	81.9	288 296 393	24 4366
8157	8.6	12 7.61	2.7166	0.0024	21 41 30.6	14.911	0.258	81.1	6 Beob.[1]	21 4511
8158	9.5	12 9.78	2.6687	0.0030	24 17 51.6	14.913	0.254	82.1	308 330 393	— —
8159	8.9	12 19.38	2.6808	0.0029	23 39 45.8	14.922	0.255	81.3	147 151 390	23 4283
8160	8.8	12 22.78	2.7083	0.0025	22 10 33.3	14.925	0.257	81.9	297 302 391	22 4356
8161	8.4	21 12 27.27	+2.6995	+0.0026	+22 39 41.7	+14.930	+0.256	80.7	148 150	22 4358
8162	7.6	12 30.66	2.7191	0.0024	21 35 28.3	14.933	0.258	81.6	297 302	21 4513
8163	8.2	12 40.74	2.6863	0.0028	23 24 8.6	14.943	0.255	80.7	147 151	23 4285
8164	8.6	12 42.86	2.7264	0.0023	21 12 1.5	14.945	0.259	81.2	168 285	21 4514
8165	8.7	12 46.05	2.6645	0.0031	24 34 51.5	14.948	0.253	81.2	2 294 326	24 4368
8166	9.4	21 12 52.19	+2.6725	+0.0030	+24 10 0.2	+14.954	+0.253	82.0	296 328 335 390	24 4369
8167	8.8	12 58.64	2.7345	0.0022	20 46 18.4	14.960	0.259	81.2	134 136 331 336	20 4883
8168	8.6	12 59.08	2.7089	0.0025	22 12 10.1	14.961	0.257	80.4	4 148 150	22 4360
8169	9.2	13 0.97	2.7327	0.0022	20 52 42.2	14.963	0.259	82.0	315 334 386	20 4884
8170	9.0	13 4.96	2.7348	0.0022	20 46 3.6	14.966	0.259	81.1	134 136 335 336	20 4885
8171	6.6	21 13 5.17	+2.6735	+0.0030	+24 8 5.5	+14.967	+0.253	81.9	288 296 334 391	24 4370
8172	8.8	13 31.17	2.6590	0.0032	24 57 15.4	14.992	0.251	82.0	294 326 393	24 4373
8173	7.7	13 33.03	2.7162	0.0025	21 51 8.3	14.994	0.257	81.1	6 Beob.[2]	21 4518
8174	8.2	13 37.88	2.6965	0.0027	22 56 52.0	14.998	0.255	80.4	4 147 151	22 4364
8175	9.0	13 52.03	2.6674	0.0031	24 32 49.6	15.012	0.252	81.2	2 294 326	24 4375
8176	9.3	21 13 58.07	+2.7289	+0.0023	+21 10 44.1	+15.018	+0.257	81.7	168 285 335 389	21 4519
8177	8.5	13 59.86	2.6865	0.0029	23 31 46.6	15.020	0.253	82.0	308 330 386	23 4289
8178	9.1	14 1.51	2.6797	0.0030	23 53 56.8	15.021	0.253	81.9	288 296 390	23 4290
8179	8.9	14 2.63	2.7187	0.0025	21 45 42.3	15.022	0.256	81.9	297 302 391	21 4520
8180	7.8	14 12.49	2.7111	0.0026	22 11 49.6	15.032	0.255	80.7	148 150	22 4369
8181	6.3	21 14 33.32	+2.7243	+0.0024	+21 29 52.6	+15.052	+0.256	82.0	315 328 391	21 4521
8182	8.4	14 36.03	2.7227	0.0025	21 35 31.3	15.054	0.256	81.6	297 302	21 4522
8183	8.9	14 42.24	2.7233	0.0025	21 34 10.4	15.060	0.256	81.6	297 302	21 4523
8184	8.8	14 46.97	2.7058	0.0027	22 32 59.7	15.065	0.254	81.8	308 330	22 4372
8185	8.4	15 4.98	2.6712	0.0032	24 28 24.3	15.082	0.250	81.7	294 326	24 4379
8186	9.2	21 15 23.77	+2.7458	+0.0022	+20 21 28.7	+15.100	+0.257	82.1	315 334 388	20 4893
8187	5.7	15 25.50	2.6929	0.0029	23 19 48.4	15.102	0.252	81.8	308 330	23 4294
8188	9.1	15 40.98	2.7276	0.0025	21 25 13.5	15.117	0.255	81.6	297 302	21 4529
8189	7.9	15 43.87	2.7110	0.0027	22 21 31.8	15.120	0.253	81.8	5 Beob.[3]	22 4373
8190	8.2	15 45.22	2.7389	0.0023	20 47 11.3	15.121	0.256	81.8	315 334	20 4894
8191	8.8	21 15 46.23	+2.7036	+0.0028	+22 46 15.2	+15.122	+0.253	81.9	331 335 336	22 4374
8192	9.2	15 51.45	2.6813	0.0031	24 0 21.1	15.127	0.250	82.0	308 330 388	23 4295
8193	7.8	16 16.95	2.6797	0.0032	24 8 28.7	15.151	0.250	82.7	386 388	24 4384
8194	8.7	16 20.75	2.6953	0.0030	23 17 38.0	15.155	0.251	81.9	334 335	23 4296
8195	8.9	16 34.73	2.7062	0.0028	22 42 47.3	15.168	0.252	82.0	297 302 399a	22 4376
8196	8.9	21 16 38.40	+2.6743	+0.0033	+24 28 20.5	+15.172	+0.249	82.1	308 330 399a	24 4385
8197	8.7	16 49.55	2.6739	0.0033	24 31 2.9	15.182	0.248	81.8	308 330	24 4386
8198	8.2	16 58.72	2.7031	0.0029	22 55 27.0	15.191	0.251	81.9	331 335 336	22 4377
8199	8.9	17 30.85	2.6669	0.0034	24 58 13.1	15.222	0.247	82.3	334 388	24 4389
8200	8.8	17 42.50	2.7074	0.0029	22 45 40.3	15.233	0.250	80.4	4 148 150	22 4384

[1] Z. 1 3 306a(½) 315 328 332 [2] Z. 1 3 306a(½) 331 332 336 [3] Z. 306a(½) 331 332 335 336

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8201	8.7	21ʰ 17ᵐ 53ˢ.00	+2ˢ.6776	+0ˢ.0033	+24° 25′ 48″.9	+15″.243	+0″.247	81.8	308 330	24° 4390
8202	9.2	17 53.20	2.7515	0.0023	20 15 37.9	15.243	0.254	81.9	331 336	20 4900
8203	8.5	17 56.62	2.6898	0.0032	23 45 50.6	15.246	0.248	81.6	288 296	23 4298
8204	9.0	18 2.47	2.7349	0.0025	21 14 12.3	15.252	0.253	81.2	168 285	21 4535
8205	9.0	18 7.84	2.7487	0.0023	20 26 50.7	15.257	0.254	80.6	134 136	20 4902
8206	8.4	21 18 13.04	+2.7324	+0.0026	+21 23 43.6	+15.262	+0.252	81.6	168 285 386	21 4537
8207	9.1	18 20.33	2.6823	0.0033	24 13 21.3	15.269	0.247	82.3	334 388	[24 4391]
8208	6.4	18 21.01	2.6911	0.0032	23 44 16.5	15.269	0.248	81.6	288 296	23 4300
8209	9.0	18 23.14	2.6824	0.0033	24 13 15.5	15.271	0.247	81.8	308 330	24 4393
8210	6.3	18 32.78	2.6726	0.0034	24 46 34.3	15.280	0.246	82.2	306a(½) 332 388	24 4394
8211	8.2	21 18 33.34	+2.7013	+0.0030	+23 11 29.0	+15.281	+0.249	81.8	306a(½) 331 332 336	23 4302
8212	6.9	18 46.65	2.6873	0.0033	23 59 32.3	15.293	0.247	81.3	147 151 389	23 4305
8213	8.4	18 55.86	2.6759	0.0034	24 38 26.4	15.302	0.246	82.0	306a(½) 332 335 386	24 4396
8214	8.9	18 57.42	2.7453	0.0024	20 43 43.5	15.304	0.252	80.6	134 136	20 4906
8215	9.0	19 23.31	2.7457	0.0024	20 44 43.3	15.328	0.252	81.2	134 136 386	20 4909
8216	8.6	21 19 24.00	+2.6905	+0.0033	+23 53 14.7	+15.329	+0.246	81.6	288 296	23 4307
8217	8.3	19 39.63	2.6898	0.0033	23 57 12.7	15.343	0.246	80.7	147 151	23 4308
8218	9.2	20 5.42	2.7499	0.0024	20 34 8.0	15.368	0.251	81.7	168 285 389	20 4912
8219	9.0	20 40.49	2.6820	0.0035	24 30 5.2	15.400	0.244	81.2	2 308 330	24 4400
8220	8.9	20 44.34	2.6853	0.0034	24 19 22.0	15.404	0.244	82.0	308 330 386	24 4402
8221	9.2	21 20 51.54	+2.7065	+0.0031	+23 8 53.6	+15.411	+0.246	81.6	288 296	23 4313
8222	7.6	20 52.91	2.7580	0.0024	20 10 22.5	15.412	0.251	80.6	134 136	20 4919
8223	8.5	20 54.64	2.7195	0.0030	22 24 34.0	15.414	0.247	80.4	4 148 150	22 4394
8224	8.4	21 0.68	2.6960	0.0033	23 45 11.0	15.419	0.245	80.7	147 151	23 4315
8225	9.0	21 6.95	2.7543	0.0024	20 24 34.5	15.425	0.250	81.2	168 285	20 4920
8226	8.2	21 21 8.40	+2.7336	+0.0028	+21 37 23.4	+15.426	+0.248	81.1	6 Beob.[1]	21 4544
8227	8.6	21 11.85	2.7286	0.0028	21 55 5.0	15.430	0.248	81.9	297 302 389	21 4545
8228	8.7	21 19.34	2.7388	0.0027	21 20 35.7	15.437	0.248	81.6	297 302	21 4546
8229	9.2	21 42.55	2.7470	0.0026	20 53 56.1	15.458	0.249	81.0	134 136 335	20 4924
8230	8.8	21 48.93	2.7284	0.0029	21 59 46.4	15.464	0.247	81.3	148 150 386	21 4548
8231	8.6	21 21 50.47	+2.6970	+0.0034	+23 47 21.3	+15.465	+0.244	80.7	147 151	23 4317
8232	8.7	21 54.28	2.6718	0.0037	25 12 17.3	15.469	0.241	81.2	2 308 330	25 4539
8233	9.1	22 1.07	2.7528	0.0025	20 35 14.2	15.475	0.249	81.4	168 285 335	20 4926
8234	6.7	22 4.89	2.7427	0.0027	21 11 31.3	15.479	0.248	81.7	168 285 389	21 4549
8235	8.7	22 8.06	2.7306	0.0029	21 54 6.0	15.482	0.247	81.6	297 302	21 4551
8236	8.0	21 22 23.86	+2.6932	+0.0035	+24 4 14.5	+15.496	+0.243	80.7	147 151	23 4318
8237	9.2	22 38.40	2.7230	0.0030	22 23 40.0	15.510	0.245	80.8	4 148 150 334	22 4398
8238	8.7	22 40.57	2.6934	0.0035	24 5 27.3	15.512	0.242	81.3	147 151 386	23 4319
8239	8.7	22 41.81	2.7106	0.0032	23 7 0.1	15.513	0.244	81.6	288 296	23 4320
8240	8.9	22 46.78	2.6927	0.0035	24 8 13.6	15.518	0.242	81.8	308 330	24 4406
8241	8.9	21 22 52.67	+2.7280	+0.0030	+22 7 44.4	+15.523	+0.245	80.4	4 148 150	22 4399
8242	7.5	23 5.07	2.6936	0.0035	24 7 30.0	15.535	0.242	81.2	2 288 296 334	24 4409
8243	8.8	23 12.51	2.7516	0.0026	20 46 40.4	15.541	0.247	81.2	134 136 389	20 4934
8244	6.3	23 17.10	2.7373	0.0029	21 38 1.9	15.546	0.246	81.6	168 285 386	21 4555
8245	8.4	23 40.66	2.6809	0.0037	24 54 19.1	15.567	0.240	81.8	308 330	24 4411
8246	8.4	21 23 46.88	+2.7500	+0.0027	+20 55 54.6	+15.573	+0.246	80.6	134 136	20 4937
8247	8.7	23 53.88	2.6951	0.0036	24 7 47.0	15.579	0.241	80.4	2 147 151	24 4413
8248	9.0	24 7.85	2.7159	0.0033	22 58 8.0	15.592	0.242	80.4	4 148 150	22 4403
8249	8.0	24 8.70	2.7595	0.0025	20 24 7.0	15.593	0.246	81.9	331 332 335 336	20 4939
8250	8.3	24 16.34	2.6756	0.0039	25 16 23.2	15.600	0.239	82.0	308 330 386	25 4549

[1] Z. 1 3 306a(½) 331 332 336

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8251	9.2	21h 24m 16s.91	+2s.7098	+0s.0034	+23° 20′ 8″.7	+15″.601	+0″.242	80.7	151	[23° 4324]
8252	4.9	24 17.17	2.7141	0.0033	23 5 30.7	15.601	0.242	81.7	168 285 334 389	23 4325
8253	8.7	24 27.95	2.7555	0.0027	20 40 36.6	15.611	0.246	81.1	5 Beob.[1]	20 4940
8254	8.5	24 28.81	2.7096	0.0034	23 22 18.9	15.611	0.241	81.3	147 335	23 4326
8255	8.0	24 33.88	2.7096	0.0034	23 22 45.0	15.616	0.241	80.7	147 151	23 4327
8256	9.1	21 24 45.81	+2.7192	+0.0033	+22 50 52.0	+15.627	+0.242	80.4	4 148 150	22 4405
8257	9.0	25 7.24	2.6923	0.0037	24 26 0.2	15.647	0.239	81.6	2 332 334 388	24 4415
8258	8.1	25 15.73	2.6961	0.0036	24 13 54.7	15.654	0.239	81.9	288 296 389	24 4416
8259	9.2	25 20.16	2.7213	0.0033	22 47 28.4	15.658	0.241	81.2	168 285	22 4409
8260	8.3	25 22.33	2.6790	0.0039	25 12 43.3	15.660	0.237	81.8	308 330	25 4552
8261	9.0	21 25 30.30	+2.6966	+0.0037	+24 14 0.4	+15.668	+0.239	81.6	288 296	24 4417
8262	8.5	25 30.51	2.6900	0.0038	24 36 25.2	15.668	0.238	81.9	332 335	24 4418
8263	8.4	25 35.86	2.7578	0.0027	20 39 19.8	15.673	0.244	81.9	331 335 336	20 4947
8264	7.6	25 40.64	2.7321	0.0031	22 11 32.2	15.677	0.242	80.4	4 148 150	22 4411
8265	9.1	25 45.43	2.6793	0.0039	25 14 44.0	15.681	0.237	81.8	308 330	25 4554
8266	8.5	21 25 50.42	+2.7665	+0.0026	+20 9 11.7	+15.686	+0.245	80.6	134 136	20 4949
8267	8.3	26 3.23	2.7621	0.0027	20 26 26.1	15.698	0.244	81.2	168 285	20 4950
8268	8.7	26 3.73	2.7549	0.0028	20 52 37.5	15.698	0.243	81.1	5 Beob.[2]	20 4951
8269	6.8	26 10.58	2.7142	0.0035	23 17 40.6	15.704	0.239	81.7	147 151 386 389	23 4329
8270	7.8	26 14.60	2.6905	0.0038	24 39 59.5	15.708	0.237	81.6	2 332 334 388	24 4424
8271	9.0	21 26 39.36	+2.7174	+0.0034	+23 10 2.9	+15.730	+0.239	81.6	288 296	23 4331
8272	8.8	26 44.63	2.7193	0.0034	23 3 47.9	15.735	0.239	81.6	288 296	22 4417
8273	6.8	26 46.12	2.7231	0.0034	22 50 34.7	15.736	0.239	80.4	4 148 150	22 4418
8274	8.7	26 56.25	2.7097	0.0036	23 38 58.9	15.746	0.238	80.7	147 151	23 4333
8275	8.7	27 12.07	2.7221	0.0034	22 57 8.3	15.760	0.239	80.7	148 150	22 4420
8276	8.1[3]	21 27 12.02	+2.7687	+0.0026	+20 9 41.3	+15.760	+0.243	81.1	136 168 285	20 4955
	—[3]	27 12.08	2.7687	0.0026	20 9 38.4	15.760	0.243	80.6	134	
8277	8.1[3]	27 12.14	2.7687	0.0026	20 9 37.6	15.760	0.243	81.2	168 285	
8278	8.5	27 15.31	2.7116	0.0036	23 34 24.2	15.763	0.238	81.7	296 334	23 4334
8279	9.1	27 15.76	2.6897	0.0039	24 50 6.1	15.763	0.236	82.1	330 335 389	24 4427
8280	8.7	27 24.20	2.7569	0.0028	20 53 58.8	15.771	0.242	80.3	1 3 134 136	20 4956
8281	7.5	21 27 36.10	+2.7550	+0.0029	+21 2 13.8	+15.781	+0.241	81.9	297 302 386	20 4957
8282	8.3	27 47.69	2.7310	0.0033	22 29 46.7	15.792	0.239	80.4	4 148 150	22 4423
8283	9.3	27 49.27	2.7282	0.0033	22 39 56.6	15.793	0.238	81.9	334	[22 4424]
8284	8.9	27 58.28	2.7290	0.0034	22 37 49.2	15.801	0.238	81.7	168 285 399a	22 4425
8285	8.6	28 24.14	2.7673	0.0027	20 22 20.0	15.825	0.241	81.9	331 332 335 336	20 4958
8286	8.5	21 28 28.83	+2.7147	+0.0036	+23 32 11.6	+15.829	+0.236	81.3	147 151 389	23 4337
8287	8.4	28 43.47	2.7598	0.0029	20 51 54.1	15.842	0.240	81.2	134 136 386	20 4961
8288	7.1	28 51.38	2.7379	0.0033	22 12 2.5	15.849	0.238	80.4	4 148 150	22 4431
8289	8.9	28 56.98	2.7574	0.0030	21 2 5.5	15.854	0.239	80.9	1 3 297 302	20 4962
8290	9.0	29 11.55	2.7263	0.0035	22 56 2.7	15.867	0.236	81.2	168 285	22 4433
8291	9.0	21 29 19.30	+2.7175	+0.0037	+23 28 12.6	+15.874	+0.235	80.7	147 151	23 4341
8292	6.2[4]	29 26.26	2.7613	0.0029	20 50 52.3	15.880	0.239	81.7	134 136 386 389	20 4964
8293	8.9	29 26.46	2.7718	0.0027	20 12 9.5	15.880	0.240	81.9	331 332 335 336	20 4963
8294	9.0	29 29.58	2.7609	0.0029	20 52 40.3	15.883	0.239	81.7	134 136 386 389	20 4965
8295	8.6	29 34.94	2.7101	0.0038	23 56 17.0	15.888	0.234	81.6	288 296	23 4343
8296	8.9	21 29 36.61	+2.7383	+0.0034	+22 15 43.7	+15.889	+0.237	80.4	4 148 150	22 4435
8297	8.9	29 46.38	2.7200	0.0037	23 22 37.6	15.898	0.235	81.8	308 330	23 4345
8298	6.0	29 47.71	2.7112	0.0038	23 53 43.4	15.899	0.234	81.6	288 296	23 4346
8299	8.4	29 48.34	2.6990	0.0040	24 36 35.4	15.900	0.233	81.5	2 334 388	24 4433
8300	7.9	29 53.91	2.7195	0.0037	23 25 11.8	15.905	0.235	81.2	147 151 308 330	23 4347

[1] Z. 1 3 331 332 336 [2] Z. 1 3 331 334 336 [3] Dupl. pr. med. seq. [4] Dupl. 1″-2″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8301	9.0	21h 30m 1s.09	+2s.7525	+0s.0031	+21° 26′ 54″.5	+15″.911	+0″.238	81.7	168 285 388	21° 4577
8302	9.0	30 5.05	2.7175	0.0037	23 33 35.4	15.915	0.234	82.3	334 388	23 4348
8303	8.7	30 5.43	2.7734	0.0028	20 10 9.5	15.915	0.239	81.9	331 332 335 336	20 4966
8304	7.2	30 11.92	2.7203	0.0037	23 24 24.6	15.921	0.234	82.7	386 399a 400a	23 4349
8305	9.1	30 29.32	2.7591	0.0031	21 5 59.2	15.936	0.237	81.1	1 168 297 302	21 4580
8306	8.9	21 30 33.83	+2.7076	+0.0039	+24 12 2.5	+15.940	+0.233	82.0	308 330 332 389	24 4436
8307	9.1	30 38.06	2.7079	0.0039	24 11 36.4	15.944	0.233	81.5	2 334 389	[24 4437]
8308	9.0	30 43.73	2.7226	0.0037	23 19 54.2	15.949	0.234	80.7	147 151	23 4350
8309	9.0	30 44.67	2.7147	0.0038	23 48 30.1	15.950	0.233	81.6	288 296	23 4351
8310	8.5	31 17.38	2.6946	0.0042	25 3 18.8	15.979	0.231	81.9	330 335	24 4438
8311	8.4	21 31 17.75	+2.7263	+0.0037	+23 10 41.7	+15.979	+0.233	80.7	147 151	23 4354
8312	8.9	31 24.72	2.7650	0.0030	20 50 2.7	15.985	0.237	81.2	134 136 386	20 4971
8313	8.8[1]	31 42.65	2.7285	0.0037	23 5 51.7	16.001	0.233	81.2	168 285	23 4355
8314	9.1	31 43.22	2.6959	0.0042	25 2 1.4	16.001	0.230	81.3	2 308 330 334	24 4439
8315	9.0	31 43.64	2.7627	0.0031	21 0 37.2	16.002	0.236	80.6	134 136	20 4972
8316	8.2	21 31 47.16	+2.7002	+0.0041	+24 47 14.6	+16.005	+0.230	81.9	322 335	24 4440
8317	9.3[2]	31 58.68	2.7447	0.0034	22 9 0.9	16.015	0.234	79.9	4	[22 4441]
8318	8.7	31 58.84	2.7569	0.0032	21 23 48.8	16.015	0.235	81.1	1 297 302	21 4587
8319	8.4	32 5.56	2.7238	0.0038	23 25 30.4	16.021	0.232	81.7	168 285 388	23 4356
8320	8.3	32 8.92	2.7720	0.0030	20 28 38.0	16.024	0.236	81.9	331 335 336	20 4977
8321	8.8	21 32 17.71	+2.7435	+0.0035	+22 15 30.9	+16.032	+0.234	81.6	297 302	22 4443[3]
8322	8.8	32 35.97	2.7313	0.0037	23 2 9.5	16.048	0.232	80.4	4 147 151	22 4445
8323	8.9	32 47.53	2.7315	0.0037	23 2 53.2	16.058	0.232	81.3	147 151 386	22 4446
8324	8.9	32 57.60	2.7609	0.0032	21 15 40.1	16.066	0.234	81.2	168 285	21 4590
8325	8.3	33 5.56	2.7190	0.0040	23 50 7.4	16.073	0.230	81.6	288 296	23 4359
8326	6.5	21 33 7.29	+2.7006	+0.0043	+24 56 8.9	+16.075	+0.229	81.2	2 308 330	24 4445
8327	8.7	33 24.97	2.7566	0.0033	21 34 44.9	16.090	0.233	81.6	297 302	21 4593
8328	8.5	33 28.83	2.7697	0.0031	20 46 8.8	16.094	0.234	80.6	134 136	20 4981
8329	8.7[4]	33 31.49	2.7795	0.0029	20 9 28.7	16.096	0.235	80.6	134 136	20 4982
8330	8.8	33 36.14	2.7516	0.0034	21 54 36.0	16.100	0.232	81.4	5 Beob.[5]	21 4595
8331	7.5	21 33 42.26	+2.7187	+0.0040	+23 55 49.1	+16.105	+0.229	81.9	288 296 386	23 4361
8332	9.0[6]	33 51.84	2.7378	0.0037	22 47 43.8	16.114	0.231	81.3	148 150 331 336	22 4455
8333	9.0	33 53.49	2.7395	0.0037	22 41 39.2	16.115	0.231	80.4	4 148 150	22 4454
8334	8.7	33 56.88	2.7221	0.0040	23 45 33.4	16.118	0.229	81.6	288 296	23 4362
8335	8.8	34 0.40	2.7327	0.0038	23 7 16.5	16.121	0.230	80.7	147 151	23 4363
8336	9.0	21 34 3.21	+2.7608	+0.0033	+21 23 29.0	+16.124	+0.233	81.2	168 285	21 4596
8337	8.7	34 4.79	2.7119	0.0042	24 23 3.6	16.125	0.228	81.2	2 308 330	24 4449
8338	8.4	34 22.29	2.7291	0.0039	23 23 4.6	16.140	0.229	81.9	332 335	23 4365
8339	8.7	34 30.08	2.7235	0.0040	23 44 31.1	16.147	0.229	81.6	288 296	23 4366
8340	9.0	34 33.52	2.7121	0.0042	24 26 2.7	16.150	0.228	81.2	2 308 330	24 4450
8341	8.5	21 34 54.33	+2.7250	+0.0040	+23 41 56.8	+16.168	+0.228	82.0	296 334 386	23 4368
8342	8.2	34 54.72	2.7426	0.0037	22 37 20.0	16.168	0.230	80.4	4 148 150	22 4460
8343	7.6	35 17.75	2.7593	0.0035	21 37 39.7	16.188	0.231	80.7	1 3 168 285	21 4599
8344	6.9	35 37.12	2.7639	0.0034	21 22 36.1	16.205	0.231	82.2	297 302 386 389	21 4600
8345	7.4	35 51.80	2.7698	0.0033	21 2 6.5	16.217	0.231	81.2	168 285	20 4988
8346	8.5	21 35 52.11	+2.7743	+0.0032	+20 45 3.0	+16.217	+0.231	80.6	134 136	20 4989
8347	9.3	36 18.41	2.7246	0.0042	23 54 10.8	16.240	0.226	81.7	288 296 334	23 4372
8348	8.5	36 18.66	2.7765	0.0032	20 39 38.6	16.240	0.231	80.6	134 136	20 4991
8349	8.8	36 25.27	2.7481	0.0038	22 27 55.1	16.246	0.228	80.4	4 148 150	22 4462
8350	9.4	36 35.37	2.7306	0.0041	23 34 5.6	16.254	0.226	81.3	147 151 386	23 4373

[1] Dupl. maj. [2] Gr. nach BD [3] δ BD +1′? [4] Obl.? [5] Z. 1 297 302 331 336 [6] Dupl. 10″ maj.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8351	9.3	21ʰ 36ᵐ 54ˢ.88	+2ˢ.7553	+0ˢ.0037	+22° 4′ 23″.4	+16″.271	+0″.228	80.3	1 3 148 150	21° 4602
8352	9.1	36 59.77	2.7581	0.0036	21 54 23.8	16.275	0.228	81.6	297 302	21 4603
8353	8.7	37 11.01	2.7817	0.0032	20 25 29.3	16.285	0.230	80.6	134 136	20 4995
8354	7.1	37 11.23	2.7450	0.0039	22 45 6.3	16.285	0.227	81.9	331 332 335 336	22 4463
8355	9.3	37 21.54	2.7301	0.0042	23 42 8.7	16.294	0.225	80.7	147 151	23 4377
8356	8.2	21 37 30.08	+2.7099	+0.0045	+24 57 17.0	+16.301	+0.223	81.2	2 308 330	24 4455
8357	8.8	37 34.68	2.7503	0.0038	22 28 22.5	16.305	0.227	81.3	4 331 336	22 4464
8358	8.6	37 40.11	2.7309	0.0042	23 41 22.9	16.310	0.225	80.7	147 151	23 4378
8359	9.0	37 43.60	2.7371	0.0041	23 18 50.5	16.313	0.225	81.6	288 296	23 4379
8360	9.0	37 48.76	2.7075	0.0046	25 8 26.6	16.317	0.223	82.3	332 388	25 4599
8361	7.6	21 37 52.29	+2.7197	+0.0044	+24 24 16.5	+16.320	+0.224	82.3	334 389	24 4457
8362	9.0	38 8.26	2.7106	0.0046	24 59 36.6	16.333	0.222	81.9	332 335	24 4458
8363	8.4	38 10.04	2.7342	0.0042	23 33 6.7	16.335	0.224	81.6	288 296	23 4381
8364	6.3	38 13.57	2.7551	0.0038	22 14 40.2	16.338	0.226	81.6	297 302	22 4465
8365	7.8	38 28.31	2.7177	0.0045	24 36 22.3	16.350	0.222	82.3	334 388	24 4459
8366	9.1	21 38 33.42	+2.7151	+0.0045	+24 46 32.6	+16.355	+0.222	82.3	334 389	24 4460
8367	8.6	38 37.09	2.7277	0.0043	24 0 45.6	16.358	0.223	80.7	147 151	23 4384
8368	8.8	38 45.58	2.7882	0.0032	20 10 44.4	16.365	0.228	81.9	331 336	20 5001
8369	8.6	38 47.53	2.7869	0.0032	20 16 10.2	16.367	0.228	81.9	331 336	20 5002
8370	**4.0**	**38 59.12**	**2.7112**	**0.0047**	**25 4 16.4**	**16.376**	**0.221**		**Fund. Cat.**	**24 4463**
8371	9.0	21 39 2.08	+2.7273	+0.0044	+24 5 21.0	+16.379	+0.222	82.3	332 388	24 4464
8372	8.2	39 10.01	2.7243	0.0044	24 17 27.4	16.386	0.222	82.3	334 389	24 4465
8373	8.2	39 20.43	2.7275	0.0044	24 6 59.7	16.394	0.222	82.3	332 388	24 4467
8374	8.2	39 23.97	2.7559	0.0039	22 20 36.3	16.397	0.224	81.1	4 297 302	22 4468
8375	8.7	39 24.03	2.7863	0.0033	20 22 41.8	16.397	0.227	81.9	331 336	20 5003
8376	8.2	21 39 24.03	+2.7562	+0.0039	+22 19 16.5	+16.397	+0.224	81.1	4 297 302	22 4467
8377	8.6	39 26.59	2.7484	0.0040	22 49 26.3	16.399	0.224	82.7	386 399ᵃ	22 4469
8378	9.1	39 30.39	2.7421	0.0042	23 13 49.8	16.403	0.223	81.9	288 296 400ᵃ	23 4385
8379	8.6[1]	39 43.80	2.7717	0.0036	21 21 55.4	16.414	0.225	82.3	285 386 389	21 4611
8380	8.4	39 45.76	2.7309	0.0044	23 57 45.7	16.416	0.222	80.7	147 151	23 4387
8381	9.8	21 39 47.72	+2.7362	+0.0043	+23 38 16.5	+16.417	+0.222	82.7	386 399ᵃ 400ᵃ	23 4386
8382	8.9	39 47.78	2.7661	0.0037	21 44 21.2	16.417	0.225	81.6	297 302	21 4612
8383	8.7[2]	40 15.76	2.7843	0.0034	20 36 39.8	16.441	0.225	81.3 81.6	134 136a 335 389	20 5007
8384	7.2	40 16.59	2.7151	0.0047	25 0 29.8	16.441	0.220	81.8	308 334	24 4471
8385	6	40 19.31	2.7572	0.0040	22 22 23.3	16.444	0.223	81.2	4 305 314	22 4472
8386	7.8	21 40 36.44	+2.7578	+0.0040	+22 22 13.5	+16.458	+0.223	80.7	148 150	22 4474
8387	8.3	40 41.26	2.7752	0.0036	21 15 26.6	16.462	0.224	81.6	297 302	21 4614
8388	7.9	40 42.20	2.7700	0.0037	21 35 53.2	16.463	0.224	81.2	168 285	21 4615
8389	6.8	40 42.58	2.7165	0.0047	24 59 7.7	16.463	0.219	81.8	308 334	24 4473
8390	8.7	41 2.35	2.7590	0.0040	22 21 6.2	16.479	0.222	80.7	148 150	22 4476
8391	8.6	21 41 7.94	+2.7842	+0.0035	+20 43 13.7	+16.484	+0.224	80.4	3 134 136	20 5009
8392	9.2	41 15.12	2.7624	0.0039	22 9 28.3	16.490	0.222	81.7	305 314	22 4478
8393	8.1	41 15.28	2.7477	0.0042	23 6 1.7	16.490	0.221	80.7	147 151	23 4390
8394	8.6	41 18.23	2.7509	0.0042	22 54 18.6	16.493	0.221	81.8	314 331 332 336	22 4479
8395	8.7	41 19.64	2.7680	0.0038	21 48 10.4	16.494	0.223	81.9	297 302 389	21 4616
8396	8.2	21 41 25.91	+2.7737	+0.0037	+21 26 44.7	+16.499	+0.223	81.4	168 285 318	21 4617
8397	7.5	41 27.29	2.7408	0.0044	23 34 1.4	16.500	0.220	81.6	288 296	23 4392
8398	8.8	41 29.28	2.7860	0.0035	20 38 48.3	16.502	0.224	80.7	140 145	20 5011
8399	9.2	41 53.95	2.7456	0.0043	23 18 59.0	16.522	0.220	80.7	147 151	23 4395
8400	9.0	42 1.54	2.7872	0.0035	20 38 0.4	16.528	0.223	81.2	134 318	20 5013

[1] Dupl. 2ᵐ-3ᵐ med. [2] Dupl. 3ᵐ-4ᵐ med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8401	8.5	21ʰ 42ᵐ 2ˢ.64	+2ˢ.7367	+0ˢ.0045	+23° 54′ 6″.0	+16″.529	+0″.219	80.7	155 164	23° 4397
8402	8.9	42 3.62	2.7306	0.0046	24 17 16.5	16.530	0.218	81.2	2 308 334	24 4477
8403	8.9	42 11.58	2.7864	0.0035	20 42 4.4	16.537	0.223	81.3	1 386	20 5015
8404	8.6	42 11.66	2.7882	0.0035	20 35 11.4	16.537	0.223	81.0	140 145 318	20 5014
8405	8.8	42 14.16	2.7908	0.0034	20 24 51.7	16.539	0.223	81.2	168 285	20 5016
8406	7.6	21 42 28.50	+2.7379	+0.0045	+23 53 7.2	+16.551	+0.218	80.7	155 164	23 4399
8407	9.0	42 36.36	2.7248	0.0048	24 43 53.6	16.557	0.217	81.8	308 334	24 4479
8408	9.0	42 36.98	2.7922	0.0035	20 21 57.3	16.558	0.223	80.7	140 145	20 5017
8409	8.6	42 47.25	2.7398	0.0045	23 48 27.2	16.566	0.218	81.1	155 164 335	23 4400
8410	8.7	42 49.90	2.7478	0.0044	23 18 7.7	16.568	0.219	81.3	147 151 389	23 4401
8411	9.2	21 42 57.93	+2.7863	+0.0036	+20 48 1.5	+16.575	+0.222	81.0	134 136 318	20 5018
8412	7.2	43 0.51	2.7706	0.0039	21 50 55.4	16.577	0.220	81.6	297 302	21 4622
8413	8.8	43 5.28	2.7509	0.0043	23 8 21.8	16.581	0.219	81.9	288 296 386	23 4403
8414	8.5	43 12.49	2.7794	0.0038	21 17 21.0	16.587	0.221	81.2	168 285	21 4623
8415	8.3	43 14.71	2.7199	0.0049	25 7 45.4	16.589	0.216	81.2	2 308 334	25 4621
8416	8.4	21 43 43.85	+2.7546	+0.0043	+22 59 9.0	+16.613	+0.218	80.7	148 150	22 4484
8417	9.0	43 44.57	2.7744	0.0039	21 41 25.8	16.613	0.219	81.3	6 Beob.[1]	21 4625
8418	8.6	43 46.31	2.7691	0.0040	22 2 31.6	16.615	0.219	81.2	4 305 314	21 4626
8419	7.4	43 58.93	2.7470	0.0045	23 30 25.4	16.625	0.217	81.3	147 151 389	23 4406
8420	9.1	44 2.20	2.7985	0.0034	20 7 2.9	16.628	0.221	81.6	5 Beob.[2]	20 5021
8421	9.0	21 44 2.36	+2.7579	+0.0043	+22 48 32.3	+16.628	+0.218	81.3	148 150 386	22 4487
8422	8.8	44 6.94	2.7772	0.0039	21 33 5.0	16.631	0.219	81.2	168 285	21 4627
8423	9.0	44 13.67	2.7599	0.0043	22 42 21.0	16.637	0.218	80.7	148 150	22 4488
8424	7.7	44 31.30	2.7246	0.0050	25 0 48.6	16.651	0.214	81.2	2 308 334	24 4483
8425	7.4	44 44.25	2.7812	0.0039	21 21 37.5	16.662	0.219	81.6	297 302	21 4629
8426	8.5	21 44 49.56	+2.7767	+0.0040	+21 40 32.3	+16.666	+0.218	81.6	297 302	21 4630
8427	8.6	44 53.45	2.7346	0.0048	24 25 49.9	16.669	0.215	81.3	155 164 386	24 4484
8428	8.9	45 31.68	2.7913	0.0037	20 47 5.2	16.700	0.218	80.3	1 3 140 145	20 5024
8429	7.9	45 32.34	2.7691	0.0042	22 16 30.4	16.701	0.216	80.4	4 148 150	22 4493
8430	9.1	45 40.29	2.7736	0.0041	21 59 28.7	16.707	0.217	81.4	168 285 318	21 4631
8431	9.0	21 45 56.14	+2.7729	+0.0042	+22 4 27.1	+16.720	+0.216	81.8	5 Beob.[3]	21 4632
8432	8.4	46 7.71	2.7424	0.0048	24 6 8.3	16.729	0.213	80.5	2 155 164	24 4486
8433	8.6	46 22.01	2.7300	0.0051	24 56 7.1	16.741	0.212	81.8	308 334	24 4487
8434	6.3	46 28.43	2.7945	0.0038	20 41 9.7	16.746	0.217	80.7	140 145	20 5027
8435	7.7	46 36.11	2.7538	0.0046	23 25 36.4	16.752	0.214	80.7	147 151	23 4415
8436	9.0	21 46 50.24	+2.7943	+0.0038	+20 44 40.7	+16.763	+0.216	81.7	305 314	20 5028
8437	8.6	46 54.89	2.7883	0.0039	21 9 43.5	16.767	0.216	80.9	1 3 297 302	21 4638
8438	8.5	46 55.82	2.7385	0.0050	24 28 6.7	16.768	0.212	81.8	308 334	24 4489
8439	9.0	47 0.39	2.7427	0.0049	24 12 28.4	16.771	0.212	81.6	2 335 386	24 4490
8440	8.4	47 1.32	2.7419	0.0049	24 15 39.7	16.772	0.212	82.3	335 386	24 4491
8441	8.4	21 47 6.11	+2.7595	+0.0046	+23 7 18.5	+16.776	+0.213	80.7	147 151	23 4416
8442	8.3	47 14.99	2.8008	0.0037	20 20 46.5	16.783	0.216	81.7	305 314	20 5029
8443	8.5	47 33.44	2.7290	0.0052	25 10 18.7	16.798	0.210	81.8	308 334	25 4636
8444	8.8	47 55.01	2.7837	0.0041	21 36 16.3	16.815	0.214	80.9	1 3 297 302	21 4639
8445	9.2	48 5.18	2.7323	0.0052	25 2 22.7	16.823	0.210	81.6	2 308 397	24 4494
8446	8.7	21 48 8.62	+2.7367	+0.0051	+24 45 32.9	+16.826	+0.210	82.1	332 335 386	24 4495
8447	8.2	48 26.25	2.7363	0.0052	24 49 54.4	16.840	0.209	81.8	308 334	24 4497
8448	8.5	49 10.16	2.8064	0.0038	20 12 6.9	16.874	0.214	81.0	134 136 335	20 5039
8449	9.3	49 22.43	2.7391	0.0052	24 47 9.2	16.884	0.208	82.2	318 397	} 24 4498
8450	8.9	49 22.56	2.7391	0.0052	24 47 15.7	16.884	0.208	82.2	308 397	

[1] Z. 1 3 318 331 332 336   [2] Z. 134 318 331 335 336   [3] Z. 297 302 331 332 336

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8451	9.0	21h 49m 24s.34	+2s.7389	+0s.0052	+24° 48′ 11″.5	+16″.886	+0″.208	81.8	318 334	24° 4498s.
8452	6.0	49 29.71	2.8062	0.0038	20 15 30.5	16.890	0.213	81.0	134 136 335	20 5041
8453	9.0	49 37.03	2.7853	0.0043	21 43 11.9	16.896	0.212	81.9	297 302 386	21 4644
8454	8.0	49 50.98	2.7453	0.0052	24 26 46.9	16.906	0.208	80.5	2 155 164	24 4502
8455	9.1	49 57.78	2.7820	0.0044	21 59 34.9	16.912	0.211	80.4	4 148 150	21 4647
8456	8.4	21 50 15.15	+2.7959	+0.0041	+21 4 34.5	+16.925	+0.211	81.6	297 302	20 5043
8457	7.8[1]	50 19.85	2.7569	0.0050	23 44 52.8	16.929	0.208	81.3	147 151 386	23 4428
8458	9.0	50 31.67	2.7841	0.0044	21 55 44.0	16.938	0.210	81.6	297 302	21 4649
8459	8.4	50 32.56	2.8106	0.0038	20 5 6.0	16.939	0.212	81.0	134 136 318	20 5045
8460	6.7	50 33.35	2.8026	0.0040	20 38 46.7	16.940	0.212	81.0	140 145 335	20 5046
8461	8.2	21 50 34.54	+2.7792	+0.0045	+22 16 8.0	+16.941	+0.210	80.7	148 150	22 4508
8462	8.4	50 42.58	2.7950	0.0042	21 12 1.7	16.947	0.211	80.7	140 145	21 4650
8463	7.5	50 44.79	2.8041	0.0040	20 34 0.4	16.949	0.211	80.7	140 145	20 5047
8464	8.8	50 51.92	2.7646	0.0049	23 18 36.6	16.954	0.208	81.8	308 334	23 4429
8465	8.2	51 14.52	2.7450	0.0053	24 40 26.6	16.972	0.206	80.5	2 155 164	24 4506
8466	8.4	21 51 29.69	+2.7596	+0.0050	+23 44 15.1	+16.983	+0.207	81.3	147 151 397	23 4431
8467	7.5	51 39.75	2.7707	0.0048	23 0 22.4	16.991	0.207	80.4	4 148 150	22 4510
8468	8.2	51 48.24	2.7717	0.0048	22 57 21.5	16.998	0.207	80.4	4 148 150	22 4511
8469	8.4	51 59.63	2.7696	0.0049	23 7 42.3	17.007	0.207	81.3	147 151 397	23 4433
8470	8.3	52 9.56	2.7549	0.0052	24 9 10.0	17.014	0.205	80.5	2 155 164	24 4509
8471	8.2	21 52 31.65	+2.7921	+0.0044	+21 38 59.0	+17.031	+0.208	81.1	1 297 302	21 4657
8472	8.6	52 39.86	2.8111	0.0040	20 19 9.5	17.038	0.209	81.7	134 318 386	20 5054
8473	8.1	52 41.70	2.7735	0.0049	22 57 55.5	17.039	0.206	80.7	147 151	22 4517
8474	8.0	52 51.95	2.7881	0.0046	21 58 33.8	17.047	0.207	81.6	297 302	21 4658
8475	9.5	53 18.15	2.7875	0.0046	22 4 35.2	17.067	0.206	81.4	4 318 332 336	21 4660
8476	8.6	21 53 31.78	+2.7954	+0.0045	+21 33 21.3	+17.077	+0.206	81.2	1 305 314	21 4661
8477	8.6	54 1.37	2.7859	0.0047	22 17 32.9	17.100	0.205	81.3	148 150 397	22 4523
8478	6.4	54 2.96	2.7709	0.0051	23 20 36.7	17.101	0.204	81.0	147 151 336	23 4442
8479	8.6	54 10.55	2.7513	0.0055	24 42 22.4	17.107	0.202	80.5	2 155 164	24 4515
8480	8.7	54 14.18	2.7690	0.0051	23 30 7.9	17.110	0.203	82.0	308 334 386	23 4443
8481	8.4	21 54 22.56	+2.7987	+0.0045	+21 26 12.8	+17.116	+0.205	81.7	305 314 336	21 4663
8482	8.6	54 23.77	2.7965	0.0045	21 35 41.9	17.117	0.205	81.7	305 314	21 4664
8483	8.3	54 33.32	2.8088	0.0042	20 44 28.4	17.124	0.206	81.8	318 332	20 5062
8484	7.8	55 7.26	2.8025	0.0045	21 16 1.5	17.150	0.204	81.2	1 305 314	21 4665
8485	8.4	55 14.81	2.8053	0.0044	21 4 54.6	17.156	0.205	81.8	318 332	20 5065
8486	8.3	21 55 41.01	+2.7844	+0.0049	+22 38 28.2	+17.176	+0.202	80.4	4 148 150	22 4526
8487	8.6	55 48.27	2.7658	0.0054	23 57 48.6	17.181	0.201	82.2	308 397	23 4448
8488	8.9	55 50.80	2.8128	0.0043	20 37 14.2	17.183	0.204	81.7	305 314	20 5066
8489	9.0	55 54.56	2.7778	0.0051	23 8 11.0	17.186	0.201	81.8	318 332	23 4449
8490	8.6	55 57.21	2.7589	0.0056	24 27 29.8	17.188	0.200	82.2	308 397	24 4521
8491	8.5	21 56 1.01	+2.7805	+0.0051	+22 57 58.9	+17.191	+0.201	81.0	148 150 335	22 4529
8492	8.8	56 4.06	2.7709	0.0053	23 38 33.8	17.193	0.201	82.2	308 397	23 4451
8493	8.5	56 13.17	2.7819	0.0051	22 53 37.2	17.200	0.201	81.1	157 171 336	22 4531
8494	9.0	56 40.32	2.7648	0.0055	24 9 56.4	17.220	0.199	81.2	2 308 334	24 4523
8495	7.3	56 42.29	2.7818	0.0051	22 58 35.6	17.222	0.200	80.4	4 148 150	22 4534
8496	8.7	21 57 5.79	+2.8034	+0.0047	+21 28 46.0	+17.239	+0.201	80.4	1 143 149	21 4672
8497	8.9	57 45.28	2.7861	0.0051	22 49 27.2	17.268	0.199	80.4	4 148 150	22 4540
8498	8.9	57 57.53	2.7697	0.0055	24 1 20.2	17.277	0.198	80.8	2 155 164 308	} 23 4456
8499	9.4	57 59.95	2.7699	0.0055	24 0 46.1	17.279	0.198	81.8	318 332	
8500	8.8	58 7.44	2.7783	0.0054	23 26 21.5	17.285	0.198	81.0	147 151 335	23 4457

[1] Dupl. 8^m maj.; Com. $< 9^m$



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8501	9.1	21h 58m 17s.47	+2s.7938	+0s.0050	+22° 21′ 9″.5	+17″.292	+0″.199	80.9	4 157 332	22° 4542
8502	8.8	58 26.71	2.8100	0.0046	21 11 26.0	17.299	0.200	80.4	1 143 149	21 4677
8503	8.7	58 30.19	2.7795	0.0054	23 24 54.7	17.302	0.197	81.3	147 151 397	23 4458
8504	8.9	58 31.93	2.8202	0.0044	20 26 51.5	17.303	0.200	81.2	140 145 386	20 5071
8505	9.0	58 41.67	2.7962	0.0050	22 14 27.0	17.310	0.198	80.7	148 150	22 4543
8506	7.4	21 58 47.78	+2.7569	+0.0059	+25 3 12.8	+17.315	+0.195	80.5	2 155 164	24 4525
8507	8.9	58 54.17	2.8108	0.0047	21 12 14.8	17.319	0.199	80.7	143 149	21 4678
8508	8.8	58 59.37	2.8184	0.0045	20 39 0.2	17.323	0.200	81.0	140 145 335	20 5072
8509	8.6	59 3.90	2.8211	0.0044	20 27 17.2	17.326	0.200	80.7	140 145	20 5074
8510	7.8	59 8.36	2.8000	0.0050	22 1 53.3	17.330	0.198	80.5	4 157 171	21 4680
8511	9.0	21 59 18.72	+2.8095	+0.0047	+21 21 28.6	+17.337	+0.198	81.9	297 302 397	21 4682
8512	8.9	59 25.91	2.7584	0.0060	25 3 17.4	17.343	0.195	81.3	155 164 386	24 4526
8513	8.8	59 33.19	2.7796	0.0055	23 34 18.1	17.348	0.196	81.8	318 334 335	23 4461
8514	8.7	59 47.42	2.8034	0.0049	21 52 34.6	17.358	0.197	81.1	1 297 302	21 4684
8515	8.7	59 51.43	2.8063	0.0049	21 40 29.9	17.361	0.197	81.6	297 302	21 4685
8516	8.9	21 59 59.39	+2.7591	+0.0061	+25 5 55.8	+17.367	+0.194	80.5	2 155 164	25 4672
8517	8.4	22 0 7.26	2.8266	0.0044	20 11 39.2	17.373	0.198	80.7	140 145	} 20 5076
8518	8.2	0 7.62	2.8266	0.0044	20 11 45.0	17.373	0.198	80.7	140 145	
8519	8.9	0 19.21	2.7936	0.0053	22 40 36.6	17.381	0.196	81.2	4 305 314	22 4549
8520	8.6	0 24.57	2.7672	0.0059	24 35 42.9	17.385	0.194	81.8	318 332	24 4529
8521	7.4	22 0 37.97	+2.7684	+0.0059	+24 32 36.4	+17.395	+0.193	81.8	318 332	24 4531
8522	8.6	0 42.63	2.7932	0.0053	22 45 55.5	17.398	0.195	81.7	305 314	22 4552
8523	8.8	0 53.96	2.8253	0.0045	20 23 54.2	17.407	0.197	81.3	140 145 397	20 5082
8524	8.6	1 10.92	2.7599	0.0062	25 14 40.3	17.419	0.192	80.7	155 164	25 4675
8525	**4.0**	**1 11.58**	**2.7671**	**0.0060**	**24 44 6.7**	**17.419**	**0.193**		**Fund. Cat.**	**24 4533**
8526	8.6	22 1 11.78	+2.7699	+0.0059	+24 32 7.6	+17.420	+0.193	81.8	318 332	24 4532
8527	8.6	1 36.23	2.7862	0.0056	23 25 14.3	17.437	0.193	81.8	318 332	23 4466
8528	9.0	1 37.79	2.7940	0.0054	22 51 13.0	17.438	0.194	81.2	4 305 314	22 4554
8529	8.4	1 43.05	2.7642	0.0062	25 1 36.0	17.442	0.191	80.7	155 164	24 4536
8530	9.2	1 46.78	2.8161	0.0048	21 13 39.2	17.445	0.195	81.1	1 297 302	21 4694
8531	8.1	22 1 51.79	+2.7732	+0.0060	+24 24 24.0	+17.448	+0.192	82.3	335 397	24 4537
8532	5.8	1 58.06	2.8182	0.0048	21 5 41.5	17.453	0.195	80.7	140 145	21 4695
8533	9.2	2 6.81	2.8030	0.0052	22 15 31.6	17.459	0.194	81.7	305 314	22 4556
8534	8.5	2 28.87	2.7843	0.0057	23 42 7.4	17.475	0.192	82.2	318 397	23 4470
8535	6.5	2 30.51	2.7865	0.0057	23 32 54.6	17.476	0.192	81.9	332 336	23 4472
8536	5.6	22 2 31.07	+2.7674	+0.0062	+24 56 1.5	+17.477	+0.190	80.7	155 164	24 4540
8537	7.7	2 58.17	2.8145	0.0050	21 31 38.2	17.496	0.193	81.1	1 297 302	21 4696
8538	8.9	3 17.59	2.8040	0.0053	22 22 11.5	17.510	0.192	81.7	305 314	22 4558
8539	8.6[1]	3 30.13	2.8102	0.0052	21 56 3.5	17.519	0.192	81.8	318 332	21 4697
8540	9.0	3 43.89	2.8065	0.0053	22 15 0.6	17.528	0.191	80.7	148 150	22 4561
8541	8.0	22 3 46.49	+2.8148	+0.0051	+21 37 47.1	+17.530	+0.192	81.2	1 305 314	21 4698
8542	8.4	4 2.32	2.8296	0.0047	20 31 49.2	17.541	0.192	80.7	140 145	20 5090
8543	8.0	4 11.49	2.8040	0.0055	22 30 45.5	17.548	0.190	81.2	4 305 314	22 4563
8544	8.6	4 13.00	2.7957	0.0057	23 8 34.0	17.549	0.190	82.7	390b 397	23 4475
8545	8.6	4 15.39	2.7849	0.0060	23 57 13.9	17.551	0.189	81.8	318 332	23 4476
8546	8.2	22 4 34.73	+2.7751	+0.0063	+24 43 49.7	+17.564	+0.188	80.5	2 155 164	24 4545
8547	6.7	4 35.79	2.8328	0.0047	20 21 51.1	17.565	0.192	80.7	140 145	20 5093
8548	8.8	4 44.79	2.8095	0.0054	22 11 4.7	17.571	0.190	80.7	148 150	22 4567
8549	8.8	4 58.11	2.8100	0.0054	22 10 44.6	17.581	0.190	80.7	148 150	22 4568
8550	8.3	5 5.06	2.7997	0.0057	22 58 55.2	17.586	0.189	80.8	157 171	22 4569

[1] Dupl., Schwerp.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8551	8.5	22h 5m 8s.00	+2s.7700	+0s.0065	+25° 12' 0".5	+17".588	+0".187	80.7	155 164	25° 4684
8552	8.6	5 8.07	2.7879	0.0060	23 52 22.9	17.588	0.188	81.8	318 332	23 4482
8553	8.5	5 34.09	2.7850	0.0061	24 10 3.4	17.606	0.187	80.5	2 153 172	24 4546
8554	9.0	5 41.81	2.8266	0.0050	21 0 58.1	17.611	0.190	80.4	1 140 145	20 5095
8555	8.7	5 56.49	2.8079	0.0056	22 30 4.1	17.622	0.188	80.4	4 148 150	22 4574
8556	8.4	22 6 6.13	+2.7995	+0.0058	+23 9 45.4	+17.628	+0.187	80.8	157 171	23 4484
8557	6.5	6 19.47	2.7845	0.0062	24 20 3.1	17.638	0.186	80.7	155 164	24 4548
8558	8.3	6 34.80	2.7779	0.0064	24 52 0.3	17.648	0.185	80.5	2 153 172	24 4550
8559	7.7	6 36.19	2.8009	0.0058	23 8 34.0	17.649	0.186	80.8	157 171	23 4486
8560	9.1[1]	7 15.65	2.8276	0.0052	21 10 39.1	17.676	0.187	80.9	5 Beob.[2]	21 4711
8561	9.2	22 7 31.06	+2.8365	+0.0049	+20 30 34.9	+17.687	+0.187	81.4	140 305 314	20 5102
8562	8.1	7 35.52	2.7996	0.0060	23 24 24.4	17.690	0.185	81.1	153 172 335	23 4490
8563	8.8	7 40.48	2.8109	0.0057	22 33 2.1	17.693	0.185	80.4	4 148 150	22 4584
8564	8.3	7 45.10	2.8380	0.0049	20 25 52.6	17.697	0.187	81.0	140 145 318	20 5103
8565	8.8	7 52.72	2.8089	0.0058	22 44 33.0	17.702	0.185	80.4	4 148 150	22 4586
8566	8.3	22 8 39.72	+2.8070	+0.0059	+23 1 0.6	+17.734	+0.184	81.3	157 171 397	22 4589
8567	6.7	8 55.41	2.8218	0.0055	21 54 12.9	17.745	0.184	81.0	143 149 335	21 4719
8568	8.8[3]	8 55.41	2.8290	0.0053	21 19 48.8	17.745	0.185	80.9	5 Beob.[4]	21 4718
8569	7.5	8 57.13	2.7989	0.0062	23 41 39.1	17.746	0.182	81.3	153 172 397	23 4493
8570	8.3	9 6.54	2.8377	0.0051	20 39 32.4	17.752	0.185	80.7	140 145	20 5106
8571	9.1	22 9 21.82	+2.8152	+0.0058	+22 29 50.6	+17.763	+0.183	80.7	148 150 157 171	22 4592
8572	9.1	9 25.13	2.8151	0.0058	22 30 52.5	17.765	0.183	81.2	148 157 171 397	— —
8573	8.4	9 43.78	2.8164	0.0058	22 28 6.2	17.777	0.182	81.1 81.4	4a 150 305 314	22 4593
8574	8.4	9 48.09	2.7822	0.0068	25 7 41.6	17.780	0.180	80.5	2 153 172	25 4696
8575	9.3	9 53.59	2.8146	0.0059	22 38 0.1	17.784	0.182	81.6	297 302	} 22 4594
8576	9.2	22 9 54.42	+2.8150	+0.0059	+22 36 8.7	+17.785	+0.182	81.4	157 297 302	}
8577	9.1	9 55.76	2.8197	0.0057	22 14 25.9	17.785	0.182	80.7	143 149	22 4595
8578	8.9	10 6.58	2.7936	0.0065	24 18 32.2	17.793	0.180	80.7	155 164	24 4563
8579	8.7	10 15.67	2.7991	0.0064	23 55 0.3	17.799	0.180	80.7	155 164	23 4496
8580	8.4	10 16.85	2.7998	0.0063	23 51 57.6	17.800	0.180	80.7	155 164	23 4497
8581	9.0	22 10 19.26	+2.8198	+0.0058	+22 17 40.6	+17.801	+0.182	81.3	148 318 335	22 4599
8582	8.8	10 22.82	2.8356	0.0053	21 2 11.8	17.804	0.183	80.3	1 3 140 145	20 5110
8583	8.5	10 33.71	2.8042	0.0063	23 34 18.7	17.811	0.180	81.8	318 332	23 4498
8584	6.5	10 47.52	2.8211	0.0058	22 16 27.0	17.820	0.181	80.8	157 171	22 4601
8585	8.8	11 3.26	2.8009	0.0064	23 55 5.9	17.831	0.179	80.8	153 172	23 4500
8586	7.9	22 11 16.61	+2.8284	+0.0056	+21 45 52.3	+17.840	+0.181	80.7	143 149	21 4723
8587	8.6	11 19.06	2.8401	0.0053	20 48 59.6	17.841	0.181	80.7	140 145	20 5113
8588	8.2	11 25.55	2.8334	0.0055	21 23 16.7	17.846	0.181	80.6	1 3 143 318	21 4724
8589	8.6	11 29.99	2.7984	0.0066	24 11 15.1	17.849	0.178	80.5	2 153 172	24 4567
8590	9.3	12 6.20	2.8083	0.0064	23 31 5.9	17.873	0.178	81.3	157 171 397	23 4505
8591	8.5	22 12 20.31	+2.8095	+0.0064	+23 27 48.8	+17.882	+0.178	81.8	318 332	23 4507
8592	8.8	12 28.16	2.7920	0.0069	24 52 13.7	17.887	0.176	80.8	153 172	24 4570
8593	8.9	12 33.75	2.8271	0.0059	22 5 26.5	17.891	0.179	80.7	148 150	21 4728
8594	8.4	12 44.64	2.7990	0.0067	24 22 31.3	17.898	0.176	80.5	2 155 164	24 4571
8595	7.9	12 55.54	2.7896	0.0070	25 8 55.1	17.905	0.176	80.8	153 172	25 4709
8596	8.9	22 12 56.98	+2.8412	+0.0055	+20 59 51.5	+17.906	+0.179	80.3	1 3 140 145	20 5122
8597	8.8	13 9.78	2.8004	0.0067	24 20 41.3	17.914	0.176	81.1	155 164 335	24 4574
8598	8.8	13 10.21	2.8044	0.0066	24 1 31.5	17.915	0.176	82.1	318 332 397	23 4508
8599	8.7	13 10.89	2.8186	0.0062	22 53 4.8	17.915	0.177	80.7	148 150	22 4614
8600	8.0	13 38.58	2.8497	0.0053	20 23 54.4	17.933	0.178	80.7	140 145	20 5126

[1] Dupl. maj. seq. [2] Z. 1 143 149 297 302 [3] Dupl. maj. [4] Z. 1 143 149 305 314

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8601	9.0	22h 13m 39s.78	+2s.8487	+0s.0053	+20° 29′ 26″.8	+17″.934	+0″.178	80.7	140 145	20° 5127
8602	9.0	14 0.41	2.8148	0.0064	23 20 30.9	17.947	0.175	80.8	157 171	23 4509
8603	7.3	14 4.47	2.7930	0.0071	25 5 53.0	17.950	0.174	81.3	153 172 397	24 4576
8604	8.3	14 16.93	2.8415	0.0056	21 11 23.2	17.958	0.177	80.3	1 3 143 149	21 4730
8605	8.8	14 36.25	2.8091	0.0067	23 54 56.3	17.971	0.174	81.8	318 332 335	23 4513
8606	7.6	22 14 49.05	+2.8277	+0.0061	+22 25 58.8	+17.979	+0.175	80.8	157 171	22 4618
8607	8.3[1]	14 53.74	2.8046	0.0069	24 19 43.3	17.982	0.173	80.7	155 164	24 4580
8608	8.5	15 24.95	2.7998	0.0071	24 49 5.7	18.002	0.172	80.5	2 153 172	24 4582
8609	7.7	15 29.55	2.8531	0.0054	20 25 7.7	18.005	0.176	80.7	140 145	20 5133
8610	8.0	15 40.18	2.8174	0.0066	23 26 32.9	18.012	0.173	80.7	155 164	23 4516
8611	8.6	22 15 47.21	+2.8547	+0.0054	+20 21 45.8	+18.016	+0.175	80.7	140 145	20 5134
8612	9.0	16 23.48	2.8494	0.0057	20 53 14.9	18.040	0.174	80.8	1 3 140 332	20 5135
8613	8.4	16 36.35	2.8396	0.0060	21 45 33.3	18.048	0.173	80.7	143 149	21 4738
8614	9.1	16 39.04	2.8470	0.0058	21 7 53.0	18.050	0.173	81.0	143 149 318	21 4739
8615	8.9	16 51.95	2.8456	0.0058	21 17 33.7	18.058	0.173	80.7	143 149	21 4740
8616	8.7	22 16 56.31	+2.8059	+0.0071	+24 37 29.7	+18.060	+0.170	80.5	2 153 172	24 4585
8617	9.0	17 20.64	2.8459	0.0059	21 21 7.9	18.076	0.172	80.8	157 171	21 4744
8618	9.2	17 26.87	2.8343	0.0063	22 21 40.6	18.080	0.171	80.7	148 150	22 4626
8619	8.5	17 36.61	2.8594	0.0055	20 13 56.0	18.086	0.172	80.7	140 145	20 5138
8620	5.5	17 38.90	2.8596	0.0055	20 13 1.2	18.087	0.172	80.7	140 145	20 5139
8621	7.9	22 17 52.06	+2.8455	+0.0060	+21 28 28.2	+18.096	+0.171	80.3	1 3 143 149	21 4745
8622	9.0	17 56.05	2.8565	0.0056	20 32 13.5	18.098	0.172	81.7	305 314	20 5140
8623	9.0	17 58.07	2.8408	0.0062	21 54 1.7	18.099	0.170	81.3	157 171 397	21 4746
8624	8.9	18 5.84	2.8111	0.0071	24 25 18.1	18.104	0.169	80.8	153 172	} 24 4587
8625	9.0	18 6.65	2.8113	0.0071	24 24 36.1	18.105	0.169	80.8	153 172	}
8626	8.7	22 18 51.40	+2.8424	+0.0062	+21 55 14.4	+18.133	+0.169	80.8	157 171	21 4747
8627	9.0	19 0.39	2.8549	0.0058	20 51 46.4	18.138	0.170	81.3	140 145 397	20 5144
8628	8.2	19 13.29	2.8510	0.0060	21 14 28.1	18.146	0.169	80.3	1 3 143 149	21 4749
8629	8.9	19 15.55	2.8397	0.0064	22 13 42.1	18.148	0.169	80.7	148 150	22 4635
8630	7.1	19 33.41	2.8437	0.0063	21 56 24.3	18.159	0.168	80.7	148 150	21 4751
8631	8.7	22 19 40.90	+2.8237	+0.0070	+23 41 3.0	+18.164	+0.167	81.1	153 172 318	23 4531
8632	8.9	19 41.46	2.8469	0.0062	21 40 57.2	18.164	0.168	80.7	143 149	21 4752
8633	8.7	19 47.94	2.8265	0.0069	23 27 58.2	18.168	0.167	81.3	155 164 397	23 4532
8634	8.8	20 5.95	2.8616	0.0057	20 27 46.1	18.179	0.168	80.7	140 145	20 5151
8635	8.9	20 20.72	2.8622	0.0058	20 27 21.4	18.188	0.168	80.7	140 145	20 5153
8636	8.1	22 20 34.86	+2.8083	+0.0076	+25 9 23.6	+18.197	+0.164	80.8	153 172	25 4732
8637	7.8	20 48.68	2.8437	0.0065	22 10 38.3	18.205	0.166	81.3	148 150 397	22 4642
8638	7.8	20 49.36	2.8544	0.0061	21 14 2.9	18.206	0.167	80.3	1 3 143 149	21 4755
8639	8.2	21 9.42	2.8600	0.0059	20 47 35.8	18.218	0.167	80.8	157 171	20 5157
8640	9.1	21 11.95	2.8578	0.0060	20 59 50.3	18.219	0.166	80.7	140 145 157 171	20 5158
8641	8.6	22 21 16.71	+2.8277	+0.0071	+23 39 31.9	+18.222	+0.164	80.8	153 172	23 4539
8642	8.0	21 41.87	2.8339	0.0069	23 12 4.5	18.238	0.164	80.7	155 164	23 4542
8643	9.0	22 17.44	2.8387	0.0068	22 53 52.2	18.259	0.163	81.5	171 305 314	} 22 4645
8644	8.5	22 17.53	2.8387	0.0068	22 53 47.2	18.259	0.163	81.1	5 Beob.[2]	}
8645	7.8	22 19.24	2.8235	0.0074	24 13 58.8	18.260	0.162	80.5	2 153 172	24 4593
8646	7.0	22 22 20.24	+2.8244	+0.0073	+24 9 17.7	+18.261	+0.162	81.0	155 164 318	24 4594
8647	8.4	22 28.51	2.8631	0.0060	20 45 23.3	18.266	0.165	80.7	140 145	20 5162
8648	8.9	22 30.94	2.8599	0.0061	21 2 53.4	18.267	0.164	80.3	1 3 143 149	20 5163
8649	8.5	22 35.77	2.8288	0.0072	23 49 25.1	18.270	0.162	81.3	155 164 397	23 4547
8650	8.8	22 47.54	2.8510	0.0065	21 54 24.4	18.277	0.163	81.4	149 305 314	21 4760

[1] Dupl. 7m-8m maj.; Com. 9m.2 [2] Z. 148 150 157 305 314



Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8651	9.0	22h 22m 57s.72	+2s.8438	+0s.0068	+22° 34′ 56″.2	+18″.283	+0″.163	80.7	148 150 157	22° 4646
8652	7.9	23 7.99	2.8644	0.0061	20 45 18.3	18.289	0.164	81.3	140 145 397	20 5166
8653	9.1	23 58.35	2.8506	0.0067	22 10 26.5	18.319	0.161	80.7	148 150	22 4648
8654	8.8	24 0.90	2.8488	0.0067	22 20 10.0	18.321	0.161	80.7	148 157 171	22 4649
8655	8.8	24 5.02	2.8672	0.0061	20 40 32.6	18.323	0.162	80.3	1 3 140 145	20 5171
8656	8.6	22 24 12.54	+2.8233	+0.0077	+24 38 32.5	+18.328	+0.159	81.3	153 172 397	24 4598
8657	7.8	24 16.94	2.8550	0.0066	21 49 37.8	18.330	0.161	80.8	157 171	21 4770
8658	9.0	24 18.45	2.8727	0.0059	20 12 11.8	18.331	0.162	81.7	305 314 318	20 5172
8659	8.6	24 33.83	2.8549	0.0066	21 53 49.7	18.340	0.161	81.3	149 332	21 4772
8660	8.3	24 47.22	2.8719	0.0060	20 22 19.8	18.348	0.161	82.0	305 314 397	20 5174
8661	7.4	22 25 17.16	+2.8406	+0.0072	+23 20 5.3	+18.366	+0.159	80.7	155 164	23 4555
8662	8.4	25 56.49	2.8434	0.0072	23 13 20.5	18.389	0.158	81.3	155 164 397	23 4558
8663	8.8	26 21.54	2.8504	0.0071	22 40 7.9	18.403	0.157	80.7	148 150	22 4656
8664	8.2	26 28.03	2.8259	0.0079	24 54 10.4	18.407	0.156	80.5	2 153 172	24 4602
8665	7.9	26 29.49	2.8255	0.0080	24 56 48.0	18.408	0.156	80.8	153 172	24 4603
8666	8.2	22 26 32.09	+2.8748	+0.0061	+20 25 13.6	+18 410	+0.158	80.7	140 145	20 5180
8667	8.0	26 35.02	2.8499	0.0071	22 45 25.6	18.411	0.157	80.7	148 150	22 4659
8668	8.8	26 43.80	2.8491	0.0072	22 51 56.6	18.416	0.157	80.8	157 171	22 4660
8669	8.7	26 53.48	2.8373	0.0076	23 58 32.2	18.422	0.156	80.7	155 164	23 4560
8670	8.4	26 59.66	2.8258	0.0080	25 1 53.2	18.425	0.155	80.8	153 172	24 4604
8671	8.9	22 27 2.21	+2.8668	+0.0065	+21 16 44.5	+18.427	+0.157	80.3	1 3 143 149	21 4779
8672	9.1	27 9.73	2.8740	0.0063	20 37 16.8	18.431	0.157	81.3	140 145 397	20 5182
8673	9.0	27 21.70	2.8358	0.0077	24 12 42.4	18.438	0.155	80.7	155 164	24 4606
8674	8.4	27 46.93	2.8341	0.0079	24 27 36.7	18.453	0.154	80.5	2 153 172	24 4608
8675	9.2	28 48.79	2.8558	0.0072	22 40 41.2	18.488	0.153	80.7	4 148 150 318	22 4666
8676	8.8	22 28 58.59	+2.8690	+0.0067	+21 27 31.8	+18.493	+0.154	80.3	1 3 143 149	21 4785
8677	7.7	28 58.77	2.8669	0.0068	21 39 21.0	18.493	0.154	80.7	143 149 157 171	21 4786
8678	9.0	29 11.64	2.8570	0.0073	22 38 26.0	18.501	0.153	80.7	148 150 157 171	22 4667
8679	8.7	29 21.42	2.8315	0.0082	25 3 8.8	18.506	0.151	81.3	153 172 397	24 4615
8680	7.8	29 45.55	2.8352	0.0082	24 47 54.3	18.520	0.151	80.8	153 172	24 4617
8681	8.2	22 30 5.76	+2.8586	+0.0073	+22 41 6.0	+18.531	+0.151	80.4	4 148 150	22 4671
8682	8.6	30 10.87	2.8757	0.0067	21 3 19.1	18.534	0.152	80.3	1 3 140 145	20 5186
8683	9.0	30 13.66	2.8774	0.0066	20 53 35.8	18.535	0.152	81.3	140 145 397	20 5187
8684	8.7	30 29.24	2.8600	0.0073	22 38 12.5	18.544	0.151	80.8	4 148 150 332	22 4673
8685	9.0	30 32.17	2.8514	0.0077	23 27 49.5	18.546	0.150	80.7	155 164	23 4568
8686	9.0	22 30 51.48	+2.8486	+0.0079	+23 48 3.1	+18.556	+0.150	80.8	153 172	23 4571
8687	8.9	30 51.81	2.8766	0.0067	21 6 9.2	18.556	0.151	80.7	143 145 149	21 4793
8688	8.9	30 53.75	2.8728	0.0069	21 28 49.3	18.558	0.151	81.3	143 149 397	21 4794
8689	8.6	31 2.95	2.8775	0.0067	21 3 18.1	18.563	0.151	80.8	1 3 140 332	20 5189
8690	6.7	31 14.29	2.8597	0.0075	22 49 32.2	18.569	0.149	80.4	4 148 150	22 4677
8691	9.1	22 31 26.36	+2.8463	+0.0080	+24 9 22.1	+18.576	+0.149	80.7	155 164	24 4622
8692	8.7	31 31.20	2.8354	0.0085	25 11 39.2	18.578	0.148	81.1	153 172 332	25 4777
8693	6.6	31 36.10	2.8551	0.0077	23 21 12.3	18.581	0.149	80.8	157 171	23 4576
8694	8.5	31 39.70	2.8730	0.0070	21 37 22.3	18.583	0.150	80.7	143 149	21 4799
8695	9.0	31 57.72	2.8543	0.0078	23 30 41.0	18.593	0.148	81.3	157 171 397	23 4578
8696	8.9	22 32 13.96	+2.8455	+0.0082	+24 24 33.4	+18.602	+0.147	81.0	155 164 332	24 4623
8697	7.2	32 27.71	2.8851	0.0066	20 34 40.6	18.609	0.149	80.3	1 3 140 145	20 5195
8698	8.7	32 56.90	2.8497	0.0082	24 10 42.5	18.625	0.146	81.3	155 164 397	24 4630
8699	8.8	33 32.98	2.8638	0.0077	22 56 25.3	18.644	0.146	80.4	4 148 150	22 4683
8700	9.0	33 51.53	2.8798	0.0071	21 24 45.8	18.654	0.146	81.2	143 149 305 314	21 4803

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8701	7.1	22h 33m 56s.52	+2s.8719	+0s.0074	+22° 13′ 35″.5	+18″.657	+0″.146	80.7	148 150	22° 4685
8702	8.5	33 58.95	2.8627	0.0078	23 8 46.4	18.658	0.145	80.7	155 164	23 4586
8703	9.1	34 0.17	2.8412	0.0087	25 14 54.3	18.659	0.144	80.8	153 172	25 4786
8704	9.1	34 0.53	2.8466	0.0085	24 43 44.7	18.659	0.144	80.8	153 172	24 4632
8705	8.8	34 13.93	2.8763	0.0073	21 51 2.0	18.666	0.145	80.8	3 143 149 332	21 4805
8706	8.3	22 34 15.00	+2.8573	+0.0081	+23 44 19.5	+18.667	+0.144	80.7	155 164	23 4588
8707	9.1	34 39.23	2.8884	0.0068	20 42 21.1	18.680	0.145	81.2	140 145 305 314	20 5202
8708	9.0	34 40.21	2.8612	0.0080	23 27 41.1	18.680	0.144	80.8	157 171	23 4589
8709	9.1	34 49.05	2.8479	0.0086	24 47 56.0	18.685	0.143	80.8	153 172	24 4634
8710	8.0	34 50.20	2.8939	0.0066	20 10 14.9	18.686	0.145	82.0	305 314 397	20 5203
8711	7.2	22 35 3.53	+2.8510	+0.0085	+24 33 33.1	+18.693	+0.143	80.7	155 164	24 4636
8712	8.1	35 13.47	2.8749	0.0075	22 12 42.1	18.698	0.144	80.7	148 150	22 4691
8713	8.7	35 19.39	2.8761	0.0075	22 6 51.2	18.701	0.144	81.3	143 149 397	21 4807
8714	9.0	35 20.46	2.8704	0.0077	22 41 32.2	18.701	0.143	80.8	157 171	22 4692
8715	8.9	35 25.52	2.8719	0.0077	22 33 49.8	18.704	0.143	80.8	157 171	22 4693
8716	9.1	22 35 26.86	+2.8557	+0.0084	+24 11 12.2	+18.705	+0.142	80.8	153 172	24 4637
8717	7.6	35 27.06	2.8657	0.0080	23 11 40.5	18.705	0.143	81.8	318 332	23 4592
8718	7.6	35 48.62	2.8808	0.0074	21 44 9.1	18.716	0.143	81.3	1 3 318 397	21 4812
8719	7.6[1]	35 49.38	2.8901	0.0070	20 46 49.9	18.717	0.143	81.7	305 314	20 5208
8720	6.9	36 1.81	2.8841	0.0072	21 26 53.4	18.723	0.143	80.7	143 149	21 4813
8721	9.2	22 36 12.74	+2.8735	+0.0077	+22 34 26.8	+18.729	+0.142	81.4	157 171 402	22 4697
8722	9.1	36 51.11	2.8694	0.0080	23 8 43.8	18.749	0.141	81.8	318 332	23 4595
8723	8.9	36 56.57	2.8975	0.0068	20 14 31.6	18.752	0.142	81.7	305 314	20 5210
8724	7.7	37 6.00	2.8774	0.0077	22 22 44.7	18.757	0.140	81.3	157 171 397	22 4698
8725	8.7	37 15.94	2.8837	0.0075	21 45 44.1	18.762	0.140	80.7	143 149	21 4817
8726	9.0	22 37 17.00	+2.8929	+0.0070	+20 47 46.3	+18.762	+0.141	80.7	140 145	20 5213
8727	8.9	37 33.11	2.8515	0.0089	25 7 47.2	18.770	0.138	81.3	153 172 402	25 4795
8728	8.8	37 37.29	2.8780	0.0078	22 26 33.8	18.773	0.140	81.7	305 314	22 4700
8729	9.0	38 2.86	2.8961	0.0070	20 37 44.7	18.786	0.140	80.7	140 145	20 5215
8730	9.2	38 9.71	2.8634	0.0085	24 4 38.1	18.789	0.138	81.3	153 172 397	23 4597
8731	7.3	22 38 12.78	+2.8996	+0.0069	+20 16 52.3	+18.791	+0.140	81.7	305 314	20 5217
8732	7.8	38 27.08	2.8907	0.0074	21 17 46.7	18.798	0.139	80.7	143 149	21 4820
8733	7.5[2]	38 51.07	2.8685	0.0084	23 43 21.3	18.810	0.137	82.0	316 329 402	23 4600
8734	9.1	39 23.29	2.8640	0.0087	24 19 41.1	18.826	0.136	81.0	155 164 318	} 24 4647
8735	9.5	39 25.56	2.8640	0.0087	24 19 58.3	18.828	0.136	82.3	339 397	}
8736	8.7	22 39 25.65	+2.8895	+0.0076	+21 38 57.8	+18.828	+0.137	81.7	305 314	21 4821
8737	8.4	39 29.20	2.8707	0.0085	23 39 32.1	18.829	0.136	80.8	157 171	23 4601
8738	8.9	39 31.44	2.9014	0.0070	20 22 53.6	18.831	0.137	82.2	318 397	20 5219
8739	9.1	39 31.49	2.8555	0.0091	25 14 17.2	18.831	0.135	81.3	155 164 390b	25 4805
8740	8.8	39 34.02	2.8870	0.0077	21 56 49.0	18.832	0.137	81.8	318 332	21 4822
8741	8.9	22 39 35.32	+2.8825	+0.0079	+22 25 55.6	+18.832	+0.136	81.8	316 329 339	22 4707
8742	8.6	39 58.18	2.8962	0.0074	21 2 41.3	18.844	0.136	81.7	305 314	20 5220
8743	8.7	40 9.72	2.8735	0.0085	23 31 42.3	18.850	0.135	80.8	157 171	23 4604
8744	8.7	40 10.46	2.8730	0.0085	23 35 18.6	18.850	0.135	80.8	157 171	23 4603
8745	**4.0**	**40 30.70**	**2.8802**	**0.0082**	**22 54 29.8**	**18.860**	**0.135**		**Fund. Cat.**	**22 4709**
8746	8.7	22 40 45.95	+2.8614	+0.0091	+24 57 9.4	+18.868	+0.133	82.0	316 329 402	24 4654
8747	7.9	40 46.91	2.8596	0.0092	25 8 44.5	18.868	0.133	80.7	155 164	25 4810
8748	8.1	40 48.57	2.8889	0.0078	22 2 28.1	18.869	0.135	81.8	305 314 339	21 4828
8749	9.3	41 0.26	2.8717	0.0087	23 56 22.4	18.875	0.133	82.3	316 397 402	23 4605
8750	8.9	41 5.90	2.8673	0.0089	24 25 17.3	18.877	0.133	82.0	316 329 402	24 4657

[1] Dupl., Schwerp. [2] Z. 402 obl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8751	8.8	22ʰ 41ᵐ 10ˢ.44	+2ˢ.9009	+0ˢ.0073	+20° 48′ 24″.8	+18″.880	+0″.135	81.8	318 332	20° 5225
8752	7.9	41 12.83	2.8779	0.0085	23 19 38.8	18.881	0.133	80.8	157 171	23 4606
8753	9.1	41 36.09	2.8894	0.0080	22 10 31.0	18.892	0.133	81.7	305 314	22 4712
8754	8.7	41 38.34	2.8992	0.0075	21 6 17.3	18.893	0.134	81.8	318 332	21 4832
8755	8.7	42 4.77	2.8798	0.0085	23 20 43.4	18.906	0.132	80.8	157 171	23 4610
8756	8.7	22 42 11.30	+2.8983	+0.0077	+21 20 19.7	+18.909	+0.133	81.7	305 314	21 4833
8757	8.6	42 11.39	2.8622	0.0094	25 15 2.5	18.909	0.131	80.7	155 164	25 4815
8758	9.0	42 33.77	2.8684	0.0092	24 42 10.1	18.920	0.131	81.8	318 329	24 4665
8759	8.9	42 48.89	2.9104	0.0072	20 7 15.4	18.928	0.132	80.7	140 145	20 5228
8760	7.4	43 13.97	2.8836	0.0086	23 14 3.1	18.940	0.130	80.8	157 171	23 4612
8761	8.8	22 43 30.24	+2.8742	+0.0091	+24 19 28.9	+18.947	+0.129	82.2	318 397	24 4668
8762	8.7	43 36.08	2.8803	0.0088	23 41 10.2	18.950	0.129	82.3	339 397	23 4613
8763	8.7	43 51.56	2.9109	0.0073	20 18 37.2	18.958	0.130	80.7	140 145	20 5231
8764	4.0	43 58.30	2.8789	0.0089	23 56 31.0	18.961	0.128		Fund. Cat.	23 4615
8765	8.5	44 19.60	2.8804	0.0089	23 52 3.7	18.971	0.128	82.2	318 397	23 4616
8766	9.1	22 44 27.60	+2.9129	+0.0073	+20 12 40.3	+18.975	+0.129	80.7	140 145	20 5233
8767	8.7	44 37.57	2.8804	0.0090	23 57 28.2	18.979	0.128	82.3	339 397	23 4618
8768	8.7	44 41.57	2.8880	0.0086	23 7 40.9	18.981	0.128	80.8	157 171	23 4620
8769	9.1	44 43.25	2.9094	0.0075	20 40 56.3	18.982	0.129	80.7	140 145	20 5235
8770	8.6	44 44.63	2.8729	0.0094	24 48 33.5	18.983	0.127	81.8	316 329	24 4673
8771	9.0	22 45 23.89	+2.9113	+0.0076	+20 37 27.7	+19.001	+0.128	80.7	140 145	20 5236
8772	8.6	45 26.17	2.8881	0.0088	23 18 30.8	19.002	0.127	80.8	157 171	23 4624
8773	9.1	46 13.95	2.8914	0.0088	23 8 46.8	19.024	0.125	81.1	157 171 318	23 4626
8774	8.6	46 14.79	2.8995	0.0083	22 13 11.9	19.025	0.126	81.1	161 166 339	22 4726
8775	8.7	46 19.10	2.8980	0.0084	22 24 49.2	19.027	0.125	80.8	161 166	22 4727
8776	8.8	22 46 33.08	+2.8892	+0.0090	+23 29 30.2	+19.033	+0.125	81.3	155 164 394	23 4628
8777	9.2	46 57.45	2.9097	0.0079	21 12 39.6	19.044	0.125	80.7	140 145	21 4844
8778	8.3	47 28.20	2.8978	0.0087	22 44 49.4	19.058	0.123	80.8	157 171	22 4729
8779	9.3	47 48.10	2.8816	0.0096	24 42 42.0	19.067	0.122	81.2	153 172 307 309	24 4680
8780	9.0	47 51.21	2.9071	0.0083	21 44 43.8	19.069	0.123	81.3	143 149 394	21 4847
8781	8.8	22 48 4.48	+2.9060	+0.0084	+21 56 28.0	+19.075	+0.123	81.0	143 149 339	21 4848
8782	8.4	48 10.60	2.9079	0.0083	21 44 11.5	19.077	0.123	81.4	149 305 314	21 4850
8783	8.8	48 10.86	2.9113	0.0081	21 19 35.1	19.078	0.123	81.3	161 166 397	21 4849
8784	9.1	48 14.86	2.8779	0.0099	25 15 37.9	19.079	0.121	81.2	153 172 307 309	25 4837
8785	7.9	48 38.04	2.8922	0.0092	23 43 16.8	19.090	0.121	81.1	155 164 339	23 4633
8786	9.4	22 48 51.79	+2.8810	+0.0099	+25 5 21.2	+19.096	+0.120	82.0	316 329 397	} 25 4839
8787	9.3	48 54.51	2.8810	0.0099	25 6 37.8	19.097	0.120	81.2	153 172 307 309	}
8788	8.8	49 10.96	2.9052	0.0086	22 20 6.0	19.104	0.121	81.3	157 171 394	22 4737
8789	9.2	49 20.90	2.9181	0.0079	20 47 59.5	19.109	0.121	81.0	140 145 318	20 5245
8790	9.2	50 5.31	2.8936	0.0095	23 58 59.4	19.128	0.119	81.4	153 307 309	23 4635
8791	7.3	22 50 19.06	+2.9082	+0.0087	+22 17 20.4	+19.134	+0.119	81.7	5 Beob.[1]	22 4742
8792	8.4	50 37.96	2.9014	0.0091	23 12 2.2	19.143	0.118	81.7	305 314	23 4638
8793	8.5	50 59.79	2.8956	0.0096	24 0 52.0	19.152	0.117	81.2	153 172 307 309	23 4640
8794	9.0	51 2.87	2.8963	0.0095	23 56 33.3	19.153	0.117	81.0	155 164 329	23 4641
8795	9.0	51 5.24	2.9172	0.0083	21 22 40.3	19.154	0.118	80.7	143 149	21 4858
8796	8.6	22 51 5.57	+2.8993	+0.0094	+23 35 51.3	+19.155	+0.117	81.3	155 164 397	23 4642
8797	9.1	51 6.58	2.9247	0.0079	20 26 31.0	19.155	0.118	81.0	140 145 318	20 5251
8798	9.0	51 41.09	2.9046	0.0092	23 6 53.2	19.170	0.116	81.2	157 171 305 314	23 4644
8799	8.3	51 43.01	2.9058	0.0091	22 59 3.1	19.171	0.116	81.1	161 166 329	22 4744
8800	8.6	51 50.94	2.9025	0.0093	23 25 30.7	19.174	0.116	81.1	155 164 339	23 4645

[1] Z. 157 171 339 394 397

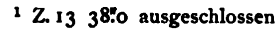
Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8801	7.7	$22^{h}\ 52^{m}\ 0^{s}.15$	$+2^{s}.9234$	$+0^{s}.0081$	+20° 50′ 45″.1	+19″.178	+0″.116	81.5	140 145 394 397	20° 5252
8802	8.5	52 15.80	2.9160	0.0086	21 51 50.8	19.185	0.116	81.0	143 149 318	21 4863
8803	8.8	52 42.35	2.9065	0.0093	23 10 52.8	19.196	0.115	81.1	157 171 316	23 4649
8804	8.5	52 56.56	2.8986	0.0098	24 15 11.7	19.202	0.114	80.7	155 164	24 4689
8805	8.5	53 0.68	2.9121	0.0090	22 34 22.4	19.204	0.114	81.6	161 166 394 397	22 4745
8806	9.2	22 53 4.02	+2.8949	+0.0101	+24 44 17.9	+19.205	+0.113	81.4	153 307 309	24 4690
8807	8.7	53 10.74	2.9062	0.0094	23 21 43.5	19.208	0.114	81.2	157 171 305 314	23 4650
8808	8.5	53 28.46	2.8983	0.0099	24 26 40.4	19.215	0.113	81.8	316 329 339	24 4691
8809	8.6	53 42.47	2.8927	0.0103	25 12 43.0	19.221	0.112	81.2	153 172 307 309	25 4854
8810	8.9	53 43.06	2.9082	0.0094	23 16 36.6	19.221	0.113	80.8	157 171	23 4655
8811	8.7	22 53 43.35	+2.8947	+0.0102	+24 58 26.7	+19.221	+0.112	81.3	155 164 397	24 4694
8812	7.8	53 56.94	2.9298	0.0081	20 33 4.5	19.227	0.113	81.3	140 145 394	20 5254
8813	8.8	54 8.05	2.9133	0.0092	22 45 29.4	19.232	0.112	80.8	161 166	22 4751
8814	9.2	54 16.30	2.9110	0.0094	23 5 26.9	19.235	0.112	81.2	157 171 305 314	22 4752
8815	9.3	54 31.75	2.8943	0.0104	25 16 31.3	19.241	0.111	81.4	153 307 309	25 4859
8816	7.7	22 54 41.96	+2.9302	+0.0083	+20 42 37.0	+19.246	+0.112	81.0	140 145 318	20 5257
8817	8.2	54 52.00	2.9210	0.0089	21 58 37.1	19.250	0.111	81.0	143 149 316	21 4865
8818	9.0	54 53.20	2.9074	0.0097	23 44 24.3	19.250	0.111	81.0	155 164 329	23 4659
8819	8.0	54 54.79	2.9230	0.0088	21 43 10.1	19.251	0.111	81.0	143 149 339	21 4866
8820	9.0	54 55.74	2.9309	0.0083	20 40 46.7	19.251	0.111	81.5	140 145 394 397	20 5258
8821	8.7	22 55 0.09	+2.9109	+0.0096	+23 20 5.2	+19.253	+0.110	81.3	171 316	23 4660
8822	8.6	55 9.76	2.9161	0.0093	22 41 49.1	19.257	0.110	80.8	161 166	22 4757
8823	8.7	55 10.27	2.9324	0.0082	20 32 46.3	19.257	0.111	80.7	140 145	20 5259
8824	8.8	55 11.08	2.9067	0.0098	23 55 52.3	19.258	0.110	81.2	153 172 307 309	23 4661
8825	9.0	55 15.66	2.9273	0.0086	21 14 54.1	19.259	0.111	81.7	305 314	21 4867
8826	9.0	22 55 21.70	+2.9223	+0.0089	+21 56 52.0	+19.262	+0.110	80.7	143 149	21 4869
8827	9.0	55 25.00	2.9162	0.0093	22 46 3.1	19.263	0.110	80.8	161 166	22 4759
8828	7.6	55 29.46	2.9192	0.0091	22 24 7.7	19.265	0.110	81.7	305 314	22 4760
8829	8.9	55 49.49	2.9241	0.0089	21 51 2.3	19.273	0.110	81.7	305 314	21 4871
8830	8.6	56 8.56	2.9157	0.0095	23 3 13.5	19.281	0.109	81.8	316 329	22 4761
8831	6.9	22 56 15.35	+2.9189	+0.0093	+22 40 5.9	+19.284	+0.109	80.8	161 166	22 4762
8832	7.7	56 38.29	2.9214	0.0093	22 27 32.2	19.293	0.108	81.8	305 314 339	22 4763
8833	9.0	56 51.07	2.9125	0.0099	23 42 47.8	19.298	0.107	81.4	153 307 309	23 4666
8834	6.7	56 58.02	2.9383	0.0082	20 14 49.3	19.301	0.108	82.5	314 390b 394 397	20 5264
8835	9.3	56 58.12	2.9231	0.0092	22 19 47.4	19.301	0.107	81.8	316 329 339	22 4764
8836	8.7	22 57 11.57	+2.9216	+0.0094	+22 36 23.8[1]	+19.306	+0.107	80.8 80.7	161 166a	22 4765
8837	8.8	57 15.52	2.9048	0.0105	24 51 9.4	19.307	0.106	81.2	153 172 307 309	24 4702
8838	8.0	57 29.39	2.9215	0.0094	22 42 20.5	19.313	0.106	81.8	316 329	22 4767
8839	9.0	57 35.47	2.9208	0.0095	22 50 10.9	19.315	0.106	82.3	339 394	22 4768
8840	9.0[2]	57 41.68	2.9237	0.0094	22 28 58.8	19.318	0.106	82.1	329 339 402	22 4769
8841	7.6	22 57 43.19	+2.9350	+0.0086	+20 55 38.1	+19.318	+0.107	81.7	305 314	20 5267
8842	8.9	57 50.89	2.9091	0.0103	24 29 43.3	19.321	0.105	81.4	153 307 309	24 4704
8843	8.6	58 1.43	2.9300	0.0090	21 43 2.6	19.325	0.106	80.7	143 149	21 4874
8844	9.3	58 38.37	2.9205	0.0098	23 12 57.5	19.340	0.104	81.7	312 316 322	23 4671
8845	8.7	58 56.57	2.9429	0.0084	20 10 55.0	19.347	0.105	82.0	305 314 394	20 5271
8846	7.4	22 58 58.31	+2.9167	+0.0101	+23 50 52.4	+19.347	+0.104	81.8	329 339	23 4673
8847	8.7	59 2.07	2.9103	0.0106	24 44 38.0	19.349	0.103	81.5	172 307 309	24 4706
8848	7.7	59 23.68	2.9168	0.0102	23 58 44.0	19.357	0.103	81.7	312 322	23 4675
8849	8.9	59 39.10	2.9303	0.0094	22 11 43.6	19.363	0.103	80.8	161 166	22 4774
8850	9.0	59 43.66	2.9401	0.0087	20 48 59.9	19.365	0.103	81.7	305 314	20 5273

[1] Z. 166 17″.5 ausgeschlossen [2] Dupl. med.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
8851	8.6	23h 0m 3s.63	+2s.9435	+0s.0086	+20° 25′ 15″.6	+19″.372	+0″.103	81.8	318 329	20° 5275
8852	8.7	0 4.06	2.9332	0.0093	21 55 12.6	19.372	0.102	81.3	143 149 394	21 4879
8853	8.5	0 7.68	2.9154	0.0105	24 25 32.8	19.374	0.101	81.2	153 172 307 309	24 4712
8854	8.6	0 30.34	2.9162	0.0105	24 27 8.7	19.382	0.101	81.2	153 172 307 309	24 4713
8855	8.4	0 32.40	2.9396	0.0089	21 8 35.1	19.383	0.102	81.3	143 149 398	21 4881
8856	8.8	23 0 46.23	+2.9176	+0.0105	+24 21 10.7	+19.388	+0.100	82.3	316 394 397	24 4714
8857	9.3	0 51.90	2.9279	0.0098	22 56 8.5	19.390	0.100	81.7	312 322	} 22 4778
8858	9.2	0 53.32	2.9279	0.0098	22 56 30.0	19.391	0.100	80.8	157 171	
8859	5.6	1 1.52	2.9151	0.0108	24 47 37.4	19.394	0.100	81.7	164 316 320 394	24 4716
8860	6.5[1]	1 18.87	2.9459	0.0087	20 27 35.9	19.400	0.100	81.2	6 305 314	20 5278
8861	8.9	23 1 34.64	+2.9334	+0.0096	+22 23 10.4	+19.406	+0.099	81.1	157 171 329	22 4780
8862	8.8	2 7.36	2.9410	0.0092	21 26 38.7	19.418	0.099	80.3	8 13 143 149	21 4884
8863	8.3	2 10.58	2.9350	0.0096	22 21 13.9	19.419	0.098	81.5	157 171 320 398	22 4781
8864	9.0	2 34.72	2.9454	0.0090	20 56 46.8	19.428	0.098	81.5	6 305 314 397	20 5279
8865	8.2	2 43.68	2.9400	0.0094	21 47 38.7	19.431	0.098	80.3	8 13 143 149	21 4885
8866	8.7	23 2 44.71	+2.9224	+0.0107	+24 23 33.2	+19.432	+0.097	81.2	153 172 307 309	24 4719
8867	9.1	3 21.81	2.9298	0.0103	23 31 49.8	19.445	0.096	81.4	164 316 339	23 4681
8868	8.2	3 26.12	2.9342	0.0100	22 54 41.6	19.447	0.096	80.8	157 161 166 171	22 4786
8869	8.5	3 27.00	2.9297	0.0104	23 34 58.7	19.447	0.096	81.8	318 329	23 4683
8870	9.5	3 36.91	2.9338	0.0101	23 2 8.1	19.450	0.096	81.5	5 Beob.[2]	22 4787
8871	8.7	23 3 43.64	+2.9422	+0.0095	+21 48 51.3	+19.453	+0.096	80.3	8 13 143 149	21 4888
8872	9.1	4 23.53	2.9310	0.0105	23 43 48.5	19.467	0.094	81.3	164 316 320	23 4685
8873	9.2	4 27.57	2.9289	0.0107	24 4 41.9	19.468	0.094	81.5	164 316 329	23 4686
8874	8.5	4 28.47	2.9523	0.0089	20 30 20.1	19.469	0.095	81.0	6 143 149 398	20 5285
8875	8.6	4 47.88	2.9328	0.0105	23 37 16.7	19.475	0.094	81.1	157 171 318	23 4687
8876	9.1	23 4 57.70	+2.9305	+0.0107	+24 1 39.2	+19.479	+0.093	81.5	164 316 329	23 4688
8877	8.0	4 58.61	2.9261	0.0110	24 41 21.7	19.479	0.093	81.2	153 172 307 309	24 4724
8878	9.0	5 7.37	2.9359	0.0104	23 15 58.6	19.482	0.093	81.7	5 Beob.[3]	23 4689
8879	8.9	5 18.90	2.9252	0.0112	24 57 34.9	19.486	0.092	81.4	153 307 309	24 4726
8880	9.2	5 41.60	2.9329	0.0107	23 56 2.1	19.494	0.092	81.1	157 171 329	23 4691
8881	9.3	23 6 9.35	+2.9311	+0.0110	+24 24 4.8	+19.503	+0.091	81.4	164 316 339	24 4730
8882	8.8	6 12.39	2.9348	0.0107	23 50 52.2	19.504	0.091	81.5	171 312 318 322	23 4694
8883	8.4	6 17.27	2.9263	0.0114	25 10 29.7	19.506	0.091	81.4	153 307 309	25 4895
8884	8.4	6 35.55	2.9290	0.0113	24 53 39.6	19.512	0.090	81.4	153 307 309	24 4731
8885	9.2	6 40.73	2.9389	0.0105	23 23 22.2	19.514	0.091	81.7	305 314 318	23 4696
8886	8.8	23 6 54.24	+2.9389	+0.0106	+23 29 5.9	+19.518	+0.090	81.5	164 312 322	23 4698
8887	7.8[4]	7 7.85	2.9524	0.0096	21 24 19.0	19.523	0.090	82.7	398	
8888	8.2[4]	7 7.93	2.9524	0.0096	21 24 19.1	19.523	0.090	80.5	6 143 149	} 21 4900
	8.2[4]	7 7.99	2.9524	0.0096	21 24 20.1	19.523	0.090	82.7	398	
8889	8.5	7 9.31	2.9447	0.0102	22 39 35.3	19.523	0.090	80.4	8 13 161 166	22 4793
8890	8.0	7 40.04	2.9409	0.0106	23 27 33.2	19.534	0.089	81.5	164 312 320 322	23 4701
8891	7.9	23 7 51.33	+2.9408	+0.0107	+23 33 10.9	+19.537	+0.088	81.1	157 171 318	23 4702
8892	8.1	7 52.24	2.9331	0.0113	24 46 34.1	19.538	0.088	81.4	153 307 309	24 4733
8893	8.7	8 6.34	2.9480	0.0102	22 29 1.6	19.542	0.088	80.4	8 13 161 166	22 4794
8894	6.3	8 26.78	2.9431	0.0107	23 25 19.0	19.549	0.087	81.5	164 312 322	23 4704
8895	8.4	8 31.93	2.9627	0.0091	20 12 27.5	19.551	0.088	81.3	6 305 314 329	20 5293
8896	9.0	23 8 54.48	+2.9425	+0.0109	+23 42 18.6	+19.558	+0.087	81.1	157 171 339	23 4708
8897	9.0	8 59.02	2.9348	0.0115	24 58 12.0	19.559	0.086	81.7	164 316 320 394	24 4734
8898	8.2	9 11.22	2.9363	0.0115	24 49 9.7	19.563	0.086	81.4	153 307 309	24 4736
8899	7.9	9 12.37	2.9464	0.0106	23 11 18.4	19.564	0.086	81.7	312 314 322	23 4710
8900	8.3	9 14.79	2.9342	0.0116	25 10 47.7	19.564	0.086	81.8	309 318 329	25 4905

[1] Seq. maj. [2] Z. 157 305a 312 314 322 [3] Z. 305 312 314 320 322 [4] Dupl. pr. med. seq.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8901	6.5	23ʰ 9ᵐ 15ˢ.21	+2ˢ.9354	+0ˢ.0115	+24° 59′ 26″.5	+19″.565	+0″.086	82.0	316 329 398	24° 4737
8902	8.5	9 27.69	2.9404	0.0112	24 15 35.2	19.569	0.085	82.2	316 339 397	24 4738
8903	7.7	9 32.28	2.9438	0.0109	23 44 32.1	19.570	0.085	80.8	157 171	23 4711
8904	6.8	9 48.44	2.9424	0.0111	24 5 21.8	19.575	0.085	82.0	312 322 398	23 4712
8905	8.8	9 53.83	2.9580	0.0098	21 29 44.9	19.577	0.085	80.3	8 13 143 149	21 4903
8906	8.5	23 10 1.22	+2.9648	+0.0093	+20 22 26.7	+19.579	+0.085	81.8	6 314 394 397	20 5297
8907	8.8	10 14.82	2.9393	0.0115	24 47 19.0	19.584	0.084	81.2	164 318	24 4739
8908	8.6	10 28.81	2.9395	0.0116	24 51 19.7	19.588	0.084	81.8	316 329	24 4740
8909	9.1	10 45.72	2.9391	0.0117	25 2 14.0	19.593	0.083	81.4	153 307 309	24 4742
8910	8.7	10 49.36	2.9645	0.0095	20 43 43.4	19.594	0.084	81.6	6 314 397	20 5303
8911	8.9	23 11 4.50	+2.9596	+0.0100	+21 40 49.1	+19.599	+0.083	80.3	8 13 143 149	21 4906
8912	9.2	11 15.05	2.9571	0.0103	22 11 18.1	19.602	0.083	81.0	161 166 318	22 4798
8913	9.0	11 27.43	2.9481	0.0111	23 49 37.6	19.606	0.082	81.1	157 171 320	23 4717
8914	9.1	11 41.69	2.9595	0.0102	21 57 12.9	19.610	0.082	81.1	8 13 314 394	21 4909
8915	8.8	11 45.86	2.9615	0.0100	21 38 2.0	19.612	0.082	80.5	6 143 149	21 4910
8916	8.6	23 11 51.55	+2.9470	+0.0113	+24 11 18.9	+19.613	+0.081	81.5	164 312 322	24 4746
8917	8.3	11 56.02	2.9591	0.0103	22 7 1.7	19.615	0.081	81.3	161 166 394	22 4801
8918	7.8	12 20.28	2.9517	0.0111	23 35 44.7	19.622	0.080	80.8	157 171	23 4720
8919	8.7	12 35.72	2.9469	0.0116	24 31 43.6	19.627	0.080	81.7	153 307 309 398	} 24 4749
8920	9.0	12 36.00	2.9469	0.0116	24 31 45.8	19.627	0.080	81.7	153 307 309 398	}
8921	8.5	23 12 43.03	+2.9606	+0.0104	+22 10 8.7	+19.629	+0.080	80.3	8 13 143 149	22 4804
8922	8.7	12 51.52	2.9598	0.0105	22 23 11.6	19.631	0.080	80.8	161 166	22 4807
8923	9.0	12 54.03	2.9456	0.0118	24 54 22.8	19.632	0.079	81.2	164 316	24 4750
8924	7.0	13 30.73	2.9571	0.0109	23 8 33.6	19.643	0.079	80.8	157 171	23 4723
8925	9.0	13 35.10	2.9713	0.0097	20 34 28.4	19.644	0.079	81.2	6 314 329	20 5308
8926	8.2	23 13 59.23	+2.9493	+0.0118	+24 44 57.9	+19.651	+0.077	82.2	316 397	24 4752
8927	7.0	14 0.52	2.9624	0.0106	22 24 27.6	19.652	0.078	80.4	8 13 161 166	22 4808
8928	9.0	14 6.10	2.9615	0.0107	22 36 15.9	19.653	0.078	80.8	161 166	22 4809
8929	8.4	14 15.66	2.9680	0.0102	21 28 11.1	19.656	0.077	80.5	8 13 320	21 4914
8930	7.3	14 25.75	2.9735	0.0097	20 30 22.5	19.659	0.077	81.6	6 394 402	20 5312
8931	**4.6**	**23 14 27.11**	**+2.9599**	**+0.0110**	**+23 3 22.6**	**+19.660**	**+0.077**		**Fund. Cat.**	**22 4810**
8932	8.2	14 36.87	2.9698	0.0101	21 16 42.9	19.662	0.077	81.1	8 13 339 398	} 21 4916
8933	8.5	14 37.12	2.9698	0.0101	21 16 44.0	19.662	0.077	82.7	398 402	}
8934	9.1	14 43.60	2.9591	0.0111	23 19 50.5	19.664	0.076	82.4	339 394 402	23 4728
8935	9.2	14 59.40	2.9651	0.0106	22 19 10.1	19.669	0.076	80.8	161 166	22 4811
8936	8.5	23 15 21.87	+2.9556	+0.0117	+24 15 40.7	+19.675	+0.075	82.2	320 394	24 4757
8937	9.3	15 28.93	2.9602	0.0113	23 27 45.1	19.677	0.075	81.2	179 181 339	23 4733
8938	8.9	15 36.42	2.9552	0.0118	24 27 44.3	19.679	0.075	81.8	316 329	24 4758
8939	8.7	15 41.08	2.9550	0.0118	24 32 13.2	19.680	0.074	82.2	318 398	24 4759
8940	8.8	15 48.71	2.9689	0.0105	21 58 33.4[1]	19.683	0.074	80.8 81.4	8 13a 413	21 4921
8941	8.9	23 15 53.63	+2.9605	+0.0114	+23 36 1.5	+19.684	+0.074	81.7	312 322	23 4735
8942	7.6	16 2.30	2.9647	0.0110	22 52 2.1	19.686	0.074	80.8	161 163 166 175	22 4816
8943	9.3	16 7.17	2.9758	0.0099	20 45 46.2	19.688	0.074	81.6	6 314 394	20 5314
8944	9.2	16 13.36	2.9660	0.0109	22 42 37.7	19.689	0.074	80.8	161 163 166 175	22 4818
8945	6.7	16 18.50	2.9528	0.0123	25 14 1.2	19.691	0.073	81.7	307 309	25 4927
8946	8.8	23 16 18.57	+2.9625	+0.0113	+23 24 57.1	+19.691	+0.073	80.9	179 181	23 4736
8947	9.3	16 21.66	2.9710	0.0105	21 48 0.8	19.692	0.074	82.2	318 398	21 4922
8948	6.2	16 27.16	2.9796	0.0096	20 8 37.4	19.693	0.074	81.2	6 305 314	20 5317
8949	8.8	16 30.84	2.9586	0.0118	24 15 11.9	19.694	0.073	81.7	312 322	24 4761
8950	9.0	17 1.22	2.9556	0.0123	25 4 57.2	19.703	0.072	81.7	307 309	24 4762


[1] Z. 13 38″.0 ausgeschlossen

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
8951	9.0	23h 17m 19s.81	+2s.9767	+0s.0102	+21° 7' 5".0	+19".708	+0".072	81.6	8 397 413	20° 5319
8952	8.5	17 30.19	2.9593	0.0121	24 36 53.9	19.710	0.071	81.8	316 329	24 4764
8953	8.6	17 35.43	2.9789	0.0100	20 46 59.4	19.712	0.072	81.6	6 314 394	20 5320
8954	9.0	17 38.11	2.9683	0.0112	22 55 8.3	19.713	0.071	80.8	161 163 166 175	22 4822
8955	9.0	17 40.53	2.9600	0.0120	24 33 48.9	19.713	0.071	81.8	316 329	24 4765
8956	7.9	23 17 42.01	+2.9797	+0.0100	+20 40 15.2	+19.714	+0.071	82.2	318 397	20 5321
8957	8.5	17 57.55	2.9709	0.0110	22 33 37.8	19.718	0.071	82.2	320 398	22 4824
8958	9.2	18 2.45	2.9622	0.0120	24 19 32.1	19.719	0.070	82.0	312 322 402	24 4766
8959	7.8	18 6.68	2.9803	0.0101	20 43 42.6	19.720	0.071	82.0	305 314 397	20 5324
8960	6.9	18 7.81	2.9688	0.0113	23 4 26.8	19.720	0.070	81.8	316 329	22 4827
8961	8.6	23 18 7.99	+2.9676	+0.0114	+23 18 30.1	+19.721	+0.070	80.9	179 181	23 4739
8962	9.1	18 14.04	2.9654	0.0117	23 48 0.7	19.722	0.070	81.7	312 322	23 4740
8963	8.7	18 14.27	2.9765	0.0105	21 33 13.3	19.722	0.070	82.3	339 394	21 4927
8964	9.3	18 32.02	2.9702	0.0113	22 59 12.0	19.727	0.070	80.8	161 166	22 4828
8965	8.4	18 34.04	2.9712	0.0112	22 47 35.4	19.727	0.069	81.2	163 175 320	22 4829
8966	7.8	23 18 34.20	+2.9611	+0.0123	+24 48 35.8	+19.727	+0.069	81.8	316 329	24 4770
8967	9.1	18 53.21	2.9749	0.0109	22 12 8.6	19.732	0.069	82.3	339 394	22 4830
8968	8.7	18 53.94	2.9741	0.0110	22 22 21.8	19.733	0.069	82.2	320 398	22 4831
8969	8.5	18 57.57	2.9721	0.0112	22 49 4.1	19.734	0.069	80.8	161 163 166 175	22 4832
8970	**4.6**	**19 8.52**	**2.9730**	**0.0112**	**22 42 58.0**	**19.736**	**0.068**		**Fund. Cat.**	**22 4833**
8971	9.1	23 19 14.82	+2.9667	+0.0119	+24 3 37.1	+19.738	+0.068	81.7	312 322	23 4743
8972	7.0	19 27.61	2.9662	0.0120	24 16 2.6	19.741	0.068	81.8	316 329	24 4773
8973	8.7	19 50.21	2.9731	0.0114	23 2 23.2	19.747	0.067	82.3	320 398 402	22 4834
8974	8.8	19 50.95	2.9813	0.0105	21 19 1.7	19.747	0.067	82.2	314 394	21 4930
8975	8.4	19 54.54	2.9638	0.0125	24 58 44.7	19.748	0.067	82.7	389a 390a 398	24 4774
8976	8.4	23 20 25.68	+2.9747	+0.0114	+23 0 29.5	+19.756	+0.066	80.8	161 163 166 175	22 4835
8977	9.0	20 28.20	2.9795	0.0109	22 0 26.8	19.757	0.066	82.3	320 398 402	21 4931
8978	8.9	20 35.52	2.9844	0.0104	21 0 46.8	19.758	0.066	82.2	314 394	20 5332
8979	9.1	20 41.04	2.9854	0.0103	20 50 2.8	19.760	0.066	82.3	314 398 402	20 5333
8980	8.0	20 44.02	2.9673	0.0124	24 42 55.7	19.761	0.065	81.7	307 309	24 4776
8981	8.9	23 20 46.75	+2.9719	+0.0119	+23 46 44.6	+19.761	+0.065	80.9	179 181	23 4747
8982	8.2	21 12.91	2.9683	0.0125	24 46 52.4	19.768	0.064	81.8	316 329	24 4777
8983	8.7	21 20.40	2.9874	0.0103	20 42 20.7	19.770	0.065	81.3	177 320	20 5334
8984	6.0	21 27.88	2.9704	0.0123	24 28 50.0	19.771	0.064	81.7	312 322	24 4778
8985	7.9	21 44.27	2.9784	0.0115	22 53 51.8	19.775	0.064	80.8	161 163 166 175	22 4838
8986	8.2	23 21 46.51	+2.9885	+0.0103	+20 40 27.5	+19.776	+0.064	81.3	177 320	20 5336
8987	8.6	21 50.25	2.9787	0.0115	22 53 17.9	19.777	0.064	80.8	161 166	22 4839
8988	8.8	21 57.01	2.9893	0.0103	20 34 59.2	19.778	0.064	81.4	177 339	20 5337
8989	8.6	22 2.14	2.9683	0.0128	25 14 26.5	19.780	0.063	81.7	307 309	25 4940
8990	9.3	22 5.75	2.9784	0.0116	23 4 49.3	19.781	0.063	81.5	179 181 390c	22 4841
8991	9.2	23 22 9.01	+2.9827	+0.0111	+22 9 16.0	+19.781	+0.063	81.8	329 339	22 4842
8992	8.7	22 44.98	2.9888	0.0106	21 5 40.7	19.790	0.062	82.3	339 398	20 5338
8993	6.0	22 52.18	2.9835	0.0113	22 21 44.4	19.792	0.062	80.8	161 166	22 4844
8994	8.9	23 0.31	2.9711	0.0128	25 12 4.2	19.794	0.061	81.7	307 309	25 4944
8995	9.1	23 1.89	2.9869	0.0110	21 40 36.5	19.794	0.062	82.7	389a 398 400	21 4938
8996	8.2	23 23 8.44	+2.9718	+0.0128	+25 7 24.8	+19.795	+0.061	81.8	316 329	25 4945
8997	9.0	23 9.44	2.9770	0.0122	23 58 54.9	19.796	0.061	80.9	179 181	23 4750
8998	9.0	23 21.89	2.9906	0.0106	20 59 17.0	19.799	0.061	81.3	177 320	20 5340
8999	8.7	23 24.82	2.9844	0.0114	22 27 38.0	19.799	0.061	81.8	329 339	22 4846
9000	8.7	23 25.65	2.9730	0.0128	25 2 24.8	19.799	0.060	81.7	307 309 316	24 4783

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9001	7.4	23^h 23^m $41^s.29$	$+2^s.9779$	$+0^s.0123$	+24° 5' 2".9	+19".803	+0".060	81.7	312 322	23° 4752
9002	7.2	23 46.91	2.9921	0.0106	20 51 39.7	19.804	0.060	81.3	177 320	20 5342
9003	8.8	24 5.71	2.9878	0.0112	22 2 47.4	19.809	0.060	80.8	161 166	21 4943
9004	8.7	24 14.55	2.9756	0.0128	24 56 42.7	19.811	0.059	81.7	307 309	24 4786
9005	7.7	24 28.54	2.9915	0.0109	21 21 29.9	19.814	0.059	81.8	320 329	21 4945
9006	8.5	23 24 58.73	+2.9864	+0.0117	+22 52 42.4	+19.820	+0.058	80.8	161 163 166 175	22 4849
9007	9.0	25 12.92	2.9828	0.0123	23 52 43.7	19.824	0.057	81.5	179 181 390c	23 4756
9008	8.0	25 27.26	2.9853	0.0121	23 25 20.1	19.827	0.057	80.9	179 181	23 4757
9009	9.1	25 35.57	2.9950	0.0108	21 6 53.6	19.829	0.057	80.8	8 13 392	20 5344
9010	8.7	25 38.77	2.9877	0.0118	22 57 3.2	19.829	0.057	80.8	161 163 166 175	22 4854
9011	9.2	23 25 38.80	+2.9781	+0.0131	+25 15 0.8	+19.829	+0.056	82.0	307 309 394	25 4953
9012	9.0	25 39.82	2.9960	0.0107	20 54 23.2	19.830	0.057	81.3	177 320	20 5345
9013	9.1	25 45.96	2.9993	0.0103	20 8 34.8	19.831	0.057	81.7	177 339 392	20 5347
9014	8.8	25 59.86	2.9805	0.0129	24 53 44.2	19.834	0.056	81.8	316 329	24 4790
9015	7.2	26 14.56	2.9883	0.0120	23 9 16.1	19.837	0.055	81.7	312 322	23 4759
9016	9.0	23 26 18.62	+2.9853	+0.0124	+23 57 6.0	+19.838	+0.055	81.7	312 322	23 4760
9017	8.8	26 20.54	2.9810	0.0130	25 0 5.1	19.838	0.055	81.7	307 309	24 4792
9018	9.5	26 30.46	2.9951	0.0112	21 36 11.5	19.840	0.055	80.8	8 13 402	21 4951
9019	9.3	26 59.66	2.9880	0.0124	23 42 12.5	19.847	0.054	81.8	316 329	23 4763
9020	5.9	27 12.64	2.9960	0.0113	21 48 31.8	19.849	0.054	82.3	339 394	21 4952
9021	7.2	23 27 12.99	+2.9888	+0.0124	+23 39 5.4	+19.849	+0.054	81.7	312 322	23 4764
9022	9.0	27 20.78	3.0004	0.0108	20 44 4.0	19.851	0.054	82.2	320 394	20 5351
9023	8.1	27 21.00	2.9969	0.0113	21 38 18.8	19.851	0.054	80.8	8 13 413	21 4953
9024	9.7	27 21.07	2.9887	0.0124	23 45 46.1	19.851	0.053	82.4	322 414	} 23 4765
9025	9.7	27 25.32	2.9887	0.0124	23 47 40.4	19.852	0.053	82.8	400 402	
9026	6.7	23 27 39.39	+3.0032	+0.0105	+20 9 3.5	+19.855	+0.053	82.3	339 398	20 5352
9027	9.1	27 39.64	2.9924	0.0120	23 0 21.7	19.855	0.053	80.8	161 166	22 4860
9028	8.5	27 52.76	3.0012	0.0109	20 49 13.0	19.858	0.053	81.9	6 392 394	20 5354
9029	9.2	28 2.06	2.9944	0.0119	22 45 24.1	19.859	0.052	82.0	312 329 390c	22 4862
9030	8.5	28 14.54	2.9878	0.0129	24 34 1.9	19.862	0.052	81.7	307 309	24 4797
9031	7.6	23 28 44.99	+2.9923	+0.0125	+23 44 7.7	+19.868	+0.051	81.5	179 181 390c	23 4767
9032	8.6	28 59.27	2.9897	0.0130	24 35 41.4	19.871	0.050	81.7	307 309	24 4798
9033	8.9	29 2.73	2.9958	0.0121	23 0 12.2	19.872	0.050	81.1	161 166 344	22 4868
9034	8.8	29 23.71	2.9992	0.0118	22 18 14.6	19.876	0.050	81.8	316 329	22 4870
9035	9.2	29 25.48	2.9910	0.0130	24 33 20.5	19.876	0.049	82.2	307 309 394 400	24 4799
9036	7.6	23 29 40.67	+2.9942	+0.0127	+23 52 9.5	+19.879	+0.049	81.5	179 181 390c	23 4769
9037	8.8	29 54.38	2.9985	0.0121	22 50 18.1	19.882	0.049	80.8	161 163 166 175	22 4872
9038	8.5	30 13.21	2.9972	0.0125	23 25 25.3	19.885	0.048	82.0	312 322 392	23 4770
9039	8.5	30 13.87	3.0051	0.0112	21 11 30.5	19.885	0.048	80.2	6 8 13 177	21 4958
9040	9.0	30 16.14	2.9935	0.0131	24 27 18.5	19.886	0.048	82.0	307 309 400	24 4800
9041	9.0	23 30 31.77	+2.9992	+0.0123	+23 4 35.6	+19.889	+0.048	81.2	179 181 320	22 4874
9042	8.3	30 39.89	3.0066	0.0112	21 1 54.0	19.890	0.047	80.8	6 177 344	20 5357
9043	7.8	31 2.23	3.0057	0.0115	21 32 58.9	19.894	0.047	81.6	5 Beob.[1]	21 4960
9044	8.7	31 2.23	2.9934	0.0135	25 4 44.9	19.894	0.046	82.0	307 309 390c	24 4803
9045	7.6	31 4.15	3.0049	0.0116	21 47 54.4	19.895	0.047	82.1	316 329 400	21 4961
9046	8.6	23 31 6.26	+3.0012	+0.0123	+22 54 10.5	+19.895	+0.047	80.8	161 163 166 175	22 4876
9047	8.6	31 18.29	2.9974	0.0130	24 9 29.2	19.897	0.046	82.0	312 322 392	24 4806
9048	8.9	31 23.64	3.0062	0.0116	21 38 12.1	19.898	0.046	82.0	177 320 398 400	21 4962
9049	8.9	31 29.03	3.0066	0.0116	21 34 32.5	19.899	0.046	81.1	6 329 344	21 4963
9050	9.3	31 46.54	2.9993	0.0129	23 57 37.6	19.902	0.045	81.2 81.4	179 181a 339	23 4775

[1] Z. 8 13 389a 390a 394

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9051	9.1	23ʰ 32ᵐ 20ˢ.23	+3ˢ.0013	+0ˢ.0129	+23° 47′ 19″.9	+19″.908	+0″.044	81.8	179 316 339 398	23° 4778
9052	8.9	32 25.86	2.9989	0.0133	24 34 6.0	19.909	0.044	82.1	307 309 389ᵃ 390ᵃ	24 4809
9053	8.6	32 27.01	3.0047	0.0123	22 50 42.7	19.910	0.044	80.8	161 163 166 175	22 4879
9054	8.5	32 32.35	2.9969	0.0137	25 15 15.5	19.910	0.044	81.8	309 316 329	25 4980
9055	8.7	32 32.52	3.0011	0.0130	23 59 24.3	19.910	0.044	81.8	312 322 344	23 4779
9056	7.1	23 32 32.59	+3.0057	+0.0122	+22 37 2.4	+19.910	+0.044	80.8	161 163 166 175	22 4880
9057	8.7	32 40.75	3.0084	0.0118	21 51 37.4	19.912	0.044	80.4	8 13 161 166	21 4965
9058	8.5	33 11.32	3.0026	0.0131	24 2 12.3	19.917	0.043	82.3	5 Beob.[1]	23 4780
9059	9.2	33 12.88	3.0057	0.0125	23 6 4.9	19.917	0.043	81.2	163 175 320	22 4885
9060	9.1	33 27.79	3.0058	0.0127	23 17 20.1	19.920	0.042	81.8	312 322 344	23 4783
9061	8.4	23 34 1.25	+3.0052	+0.0131	+23 53 54.0	+19.926	+0.041	81.2	179 181 329	23 4784
9062	8.8	34 12.75	3.0122	0.0119	21 48 18.0	19.927	0.041	80.2	6 8 13 177	21 4969
9063	8.3	34 13.94	3.0055	0.0131	24 0 4.1	19.928	0.041	81.2	179 181 339	23 4785
9064	8.4	34 26.53	3.0026	0.0138	25 5 45.6	19.930	0.040	82.3	5 Beob.[2]	24 4813
9065	8.1	35 16.38	3.0095	0.0129	23 31 52.4	19.938	0.039	81.3	179 181 344	23 4791
9066	8.6	23 35 38.55	+3.0088	+0.0133	+24 5 59.7	+19.941	+0.038	82.2	312 322 390ᶜ 394	23 4792
9067	9.0	35 38.82	3.0075	0.0136	24 32 57.6	19.941	0.038	82.0	316 329 392	24 4814
9068	8.5	35 46.76	3.0059	0.0139	25 11 34.2	19.942	0.038	82.1	307 309 389ᵃ 390ᵃ	25 4987
9069	8.5	35 49.95	3.0095	0.0133	24 2 7.0[3]	19.943	0.038	81.8	312 322*a* 329	23 4793
9070	9.1	35 50.28	3.0068	0.0138	24 56 54.3	19.943	0.038	81.8	316 320 329	24 4815
9071	8.4	23 35 51.24	+3.0117	+0.0129	+23 17 58.4	+19.943	+0.038	81.2	163 175 320	23 4794
9072	8.6	35 56.89	3.0096	0.0133	24 5 3.5	19.944	0.037	82.2	312 322 390ᶜ 394	23 4796
9073	8.6	35 57.10	3.0113	0.0130	23 31 44.9	19.944	0.037	81.5	179 181 392	23 4795
9074	9.0	36 28.98	3.0092	0.0138	24 43 39.2	19.949	0.036	81.8	307 309 344	24 4819
9075	9.3	36 40.69	3.0194	0.0118	21 15 43.4	19.950	0.036	80.9	6 177 320	21 4975
9076	9.0	23 36 41.12	+3.0189	+0.0119	+21 25 47.3	+19.951	+0.036	80.2	8 13 177	21 4976
9077	9.0	37 5.30	3.0172	0.0124	22 24 32.0	19.954	0.035	80.5	6 Beob.[4]	22 4893
9078	9.0	37 6.12	3.0135	0.0132	23 45 23.4	19.954	0.035	81.2	179 181 316	23 4799
9079	7.7	37 16.10	3.0122	0.0136	24 24 11.5	19.956	0.035	81.7	307 309 329	24 4822
9080	7.8	37 23.69	3.0211	0.0118	21 14 49.5	19.957	0.035	80.9	6 177 320	21 4977
9081	9.2	23 37 24.24	+3.0172	+0.0126	+22 41 30.5	+19.957	+0.035	80.5	6 Beob.[5]	22 4894
9082	6.5	38 45.09	3.0255	0.0116	20 41 48.1	19.968	0.032	80.9	6 177 320	20 5366
9083	8.7	39 9.91	3.0157	0.0141	24 58 42.1	19.971	0.031	81.7	307 309 329	24 4827
9084	8.6	39 16.72	3.0165	0.0140	24 46 40.3	19.972	0.031	81.8	307 309 344	24 4828
9085	8.9	39 29.74	3.0211	0.0131	23 11 43.5	19.974	0.031	82.0	179 316 390ᵃ 394	23 4806
9086	9.0	23 40 2.83	+3.0211	+0.0135	+23 45 17.7	+19.978	+0.030	81.3	179 181 312 322	23 4807
9087	8.1	40 4.49	3.0235	0.0129	22 45 20.4	19.978	0.030	80.8	161 163 166 175	22 4902
9088	8.6	40 32.93	3.0289	0.0119	20 55 47.0	19.982	0.029	80.9	6 177 320	20 5368
9089	8.9	40 40.80	3.0193	0.0143	25 11 3.9	19.983	0.028	81.7	307 309 329	25 5002
9090	9.3	40 49.84	3.0281	0.0123	21 34 47.9	19.984	0.028	80.4	8 13 161 166	21 4981
9091	8.3	23 40 55.07	+3.0245	+0.0132	+23 14 14.7	+19.985	+0.028	81.2	163 175 320	23 4810
9092	6.9	41 10.75	3.0214	0.0142	24 53 7.8	19.987	0.028	81.8	307 309 344	24 4834
9093	9.1	41 36.02	3.0320	0.0118	20 34 54.1	19.990	0.027	82.0	177 320 390ᵃ 394	20 5369
9094	9.4	41 47.30	3.0316	0.0120	20 58 1.8	19.991	0.027	81.7	177 320 390ᶜ	20 5370
9095	6.8	42 13.39	3.0240	0.0143	24 57 36.0	19.994	0.026	82.2	307 309 398 400	24 4836
9096	8.9	23 42 14.10	+3.0253	+0.0140	+24 23 1.3	+19.994	+0.026	81.7	179 316 392	24 4837
9097	9.1	42 16.77	3.0338	0.0117	20 24 35.6	19.994	0.026	81.6	5 Beob.[6]	20 5372
9098	8.6	42 42.82	3.0347	0.0118	20 25 28.9	19.997	0.025	81.7	177 320 390ᶜ	20 5375
9099	8.9	42 52.66	3.0272	0.0140	24 17 36.1	19.998	0.024	81.7	179 316 392	24 4840
9100	7.4	42 58.61	3.0318	0.0128	22 9 37.9	19.999	0.024	80.4	8 13 161 166	22 4908

[1] Z. 312 322 389ᵃ 390ᵃ 394 [2] Z. 307 309 389ᵃ 390ᵃ 394 [3] Z. 322 12ˢ.4 ausgeschlossen
[4] Z. 8 13 161 163 166 175 [5] Z. 8 13 161 163 166 175 [6] Z. 6 177 329 390ᵃ 394

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9101	8.2	23h 42m 59s.52	+3s.0267	+0s.0142	+24° 39′ 6″.7	+19″.999	+0″.024	81.8	307 309 344	24° 4841
9102	8.4	43 2.39	3.0299	0.0134	23 10 56.7	19.999	0.024	81.3	163 175 339	23 4813
9103	8.8	43 7.36	3.0310	0.0131	22 44 3.3	20.000	0.024	80.8	161 163 166 175	22 4909
9104	8.6	43 8.69	3.0263	0.0145	25 4 27.0	20.000	0.024	82.2	316 329 390c 394	24 4843
9105	9.2	43 11.02	3.0312	0.0131	22 44 9.2	20.000	0.024	81.7	312 322	— —
9106	9.3	23 43 42.47	+3.0368	+0.0119	+20 27 55.0	+20.004	+0.023	81.4	6 177 344 390a	20 5378
9107	8.5	43 49.84	3.0320	0.0134	23 6 7.3	20.004	0.023	81.3	163 175 339	22 4912
9108	7.7	43 51.31	3.0300	0.0140	24 9 46.1	20.004	0.023	81.8	179 181 398 400	24 4844
9109	8.4	44 21.92	3.0305	0.0143	24 36 19.7	20.008	0.022	82.0	307 309 392	24 4846
9110	9.2	44 22.58	3.0375	0.0121	20 51 32.1	20.008	0.022	81.6	6 320 329 400	20 5380
9111	8.9	23 44 23.20	+3.0308	+0.0142	+24 29 31.1	+20.008	+0.022	82.0	312 322 398	24 4847
9112	9.5	44 24.35	3.0376	0.0121	20 52 52.9	20.008	0.022	82.4	344 400	— —
9113	9.1	44 57.36	3.0342	0.0137	23 25 38.4	20.011	0.020	81.3	179 316	23 4815
9114	8.4	45 1.21	3.0376	0.0126	21 37 30.7	20.011	0.020	80.8	8 13 390a	21 4987
9115	8.6	45 1.70	3.0359	0.0132	22 36 6.3	20.011	0.020	80.8	161 163 166 175	22 4914
9116	9.3	23 45 14.58	+3.0369	+0.0130	+22 20 0.8	+20.013	+0.020	80.8	8 13 390c	22 4915
9117	8.8	45 21.32	3.0330	0.0144	24 40 7.9	20.013	0.020	82.3	339 394	24 4848
9118	8.9	45 41.59	3.0346	0.0142	24 18 53.8	20.015	0.019	81.7	312 322	24 4851
9119	5.9	46 2.73	3.0411	0.0123	20 58 33.5	20.017	0.018	81.6	6 320 394	20 5386
9120	8.7	46 17.44	3.0348	0.0148	25 5 11.8	20.018	0.018	82.3	339 394	24 4852
9121	7.0	23 46 19.18	+3.0415	+0.0124	+21 2 52.4	+20.019	+0.018	80.8	8 13 413	20 5387
9122	8.8	46 19.86	3.0396	0.0131	22 16 50.9	20.019	0.018	81.6	163 175 390a	22 4919
9123	9.2	46 39.56	3.0374	0.0142	24 7 49.6	20.020	0.017	82.3	339 394	24 4853
9124	9.0	46 45.59	3.0404	0.0132	22 23 40.7	20.021	0.017	81.3	163 175 339	22 4920
9125	9.1	46 52.67	3.0430	0.0123	20 54 42.3	20.021	0.017	81.6	6 320 398	20 5389
9126	8.8	23 46 57.85	+3.0443	+0.0119	+20 11 12.5	+20.022	+0.017	81.4	177 343	20 5390
9127	9.0	47 18.10	3.0396	0.0141	23 46 20.6	20.023	0.016	81.5	179 181 390a	23 4820
9128	9.0	47 22.00	3.0395	0.0142	23 59 13.9	20.024	0.016	81.7	312 322	23 4821
9129	9.2	47 23.34	3.0442	0.0124	20 53 0.7	20.024	0.016	82.1	320 344 392	20 5391
9130	9.3	47 35.19	3.0389	0.0146	24 42 51.2	20.025	0.015	82.1	316 329 400	24 4855
9131	9.1	23 47 44.21	+3.0422	+0.0135	+22 48 27.0	+20.026	+0.015	80.8	161 163 166 175	22 4924
9132	8.0	47 57.61	3.0403	0.0144	24 26 19.1	20.027	0.015	82.2	309 394	24 4856
9133	8.2	48 29.27	3.0454	0.0130	21 46 35.8	20.029	0.014	81.3	16 339 390c	21 4994
9134	8.8	48 29.69	3.0458	0.0128	21 28 46.8	20.029	0.014	80.8	8 13 392	21 4993
9135	9.0	48 30.54	3.0470	0.0123	20 38 16.5[1]	20.029	0.014	81.3 81.9	6a 320 344	20 5392
9136	8.6	23 48 36.99	+3.0468	+0.0125	+21 0 24.6	+20.029	+0.013	82.2	320 343 394	20 5394
9137	9.1	48 38.39	3.0479	0.0121	20 11 19.3	20.030	0.013	81.7	177 339 392	20 5393
9138	9.1	48 41.35	3.0451	0.0133	22 22 54.8	20.030	0.013	80.8	161 163 166 175	22 4929
9139	6.5	49 1.59	3.0421	0.0151	25 15 34.4	20.031	0.013	82.0	307 309 400	25 5042
9140	8.5	49 2.88	3.0471	0.0128	21 30 7.2	20.031	0.013	80.8	8 13 398	21 4995
9141	9.3	23 49 8.15	+3.0445	+0.0141	+23 37 0.7	+20.032	+0.012	81.5	179 312 322	23 4824
9142	8.9	49 18.20	3.0439	0.0146	24 26 59.8	20.032	0.012	81.8	316 329	24 4861
9143	6.5	49 36.07	3.0496	0.0123	20 28 10.7	20.034	0.012	80.9	6 177 343	20 5396
9144	8.8	49 39.15	3.0456	0.0143	23 47 48.6	20.034	0.011	81.6	179 181 329 400	23 4826
9145	8.6	49 42.76	3.0471	0.0136	22 45 8.3	20.034	0.011	80.8	161 163 166 175	22 4930
9146	8.6	23 49 46.26	+3.0479	+0.0133	+22 11 21.9	+20.034	+0.011	80.8	161 166 175	22 4931
9147	8.6	49 49.22	3.0450	0.0148	24 38 35.1	20.034	0.011	81.7	307 309 316	24 4862
9148	9.1	50 17.02	3.0506	0.0126	20 55 44.0	20.036	0.010	81.1	6 177 320 343	20 5399
9149	6.6	50 19.48	3.0495	0.0132	21 57 8.6	20.036	0.010	81.3	8 13 390c 394	21 4999
9150	9.1	50 21.53	3.0494	0.0133	22 4 27.5	20.036	0.010	81.3	163 175 339	21 5000

[1] Z. 6 12″.2 ausgeschlossen

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B. D.
9151	8.7	23h 50m 25s.95	+3s.0508	+0s.0127	+20° 59′ 46″.5	+20″.037	+0″.010	81.7	177 320 390a	20° 5400
9152	8.2	50 52.07	3.0515	0.0129	21 19 0.5	20.038	0.009	80.8	8 13 392	21 5001
9153	8.1	50 56.75	3.0513	0.0131	21 40 25.3	20.039	0.009	81.3	16 316 400	21 5002
9154	8.9	50 56.92	3.0491	0.0143	23 41 24.4	20.039	0.009	81.8	179 181 390c 394	23 4829
9155	9.0	51 4.01	3.0486	0.0147	24 24 49.8	20.039	0.009	82.0	312 322 398	24 4863
9156	8.8	23 51 17.31	+3.0490	+0.0149	+24 37 33.8	+20.040	+0.008	81.7	307 309	24 4864
9157	4.8	51 23.52	3.0494	0.0148	24 26 47.6	20.040	0.008	82.0	312 322 392	24 4865
9158	8.7	51 25.09	3.0518	0.0134	22 11 11.3	20.040	0.008	80.8	161 163 166 175	22 4935
9159	9.3	51 41.39	3.0510	0.0143	23 39 10.8	20.041	0.008	81.8	316 329	}23 4830
9160	7.9	51 41.88	3.0510	0.0143	23 39 4.1	20.041	0.008	80.9	179 181	
9161	8.9	23 51 47.07	+3.0498	+0.0152	+25 3 9.2	+20.041	+0.007	81.7	307 309	24 4866
9162	8.3	51 48.09	3.0547	0.0123	20 8 20.9	20.041	0.007	80.9	6 177 320	20 5403
9163	9.0	51 58.71	3.0542	0.0128	21 5 41.3	20.042	0.007	80.5	8 13 329	[20 5404]
9164	8.7	52 5.28	3.0520	0.0144	23 42 9.8	20.042	0.007	81.5	179 181 390a	23 4831
9165	9.1	52 12.61	3.0542	0.0132	21 40 28.4	20.043	0.007	81.3	16 339 390c	21 5005
9166	8.4	23 52 13.12	+3.0548	+0.0128	+21 3 16.7	+20.043	+0.006	82.4	320 339 394 400	20 5406
9167	8.7	52 27.59	3.0531	0.0143	23 29 47.4	20.043	0.006	82.0	312 322 392	23 4833
9168	9.1	52 29.01	3.0520	0.0151	24 46 32.5	20.043	0.006	82.0	307 309 344 398	24 4868
9169	9.2	52 36.70	3.0523	0.0152	24 53 1.2	20.044	0.006	82.1	316 344 390a	24 4869
9170	8.5	52 44.17	3.0556	0.0131	21 29 33.6	20.044	0.005	80.6	6 16 343	21 5006
9171	9.2[1]	23 52 45.30	+3.0546	+0.0139	+22 45 35.1	+20.044	+0.005	80.8	161 163 166 175	22 4936
9172	9.2	52 48.10	3.0535	0.0147	24 6 36.9	20.044	0.005	82.0	312 322 398	24 4870
9173	8.9	52 58.34	3.0539	0.0147	24 4 9.5	20.045	0.005	81.7	179 181 344 400	23 4834
9174	8.3	53 19.63	3.0576	0.0126	20 35 42.3	20.046	0.004	81.7	177 320 390c	20 5412
9175	8.8	53 26.22	3.0580	0.0126	20 27 14.5	20.046	0.004	80.9 81.4	6a 177 339	20 5413
9176	8.9	23 53 29.22	+3.0549	+0.0150	+24 30 55.7	+20.046	+0.004	82.0	312 322 392	24 4872
9177	8.9	53 29.48	3.0546	0.0153	24 58 8.6	20.046	0.004	82.2	309 329 390a 394	24 4871
9178	8.2	53 51.62	3.0572	0.0140	22 50 2.4	20.047	0.003	80.8	161 163 166 175	22 4939
9179	8.4	54 6.75	3.0561	0.0154	25 8 56.5	20.048	0.003	82.1	316 329 400	25 5055
9180	9.0	54 13.23	3.0592	0.0131	21 12 21.7	20.048	0.003	80.0	8 13 16	21 5007
9181	8.8	23 54 22.67	+3.0577	+0.0147	+23 53 18.8	+20.048	+0.002	81.5	179 181 398	23 4839
9182	7.7	54 23.69	3.0585	0.0140	22 50 33.2	20.048	0.002	80.8	161 163 166 175	22 4940
9183	8.8	54 28.80	3.0585	0.0142	23 3 6.0	20.048	0.002	82.2	312 322 392 394	22 4941
9184	8.4	54 35.29	3.0595	0.0136	22 1 59.1	20.049	0.002	80.5	8 13 343	21 5009
9185	6.3	55 19.05	3.0603	0.0146	23 33 28.3	20.050	0.001	81.2	179 181 312	23 4844
9186	8.9	23 55 26.73	+3.0601	+0.0152	+24 32 56.7	+20.050	0.000	82.1	309 344 398	24 4877
9187	8.5	55 28.03	3.0624	0.0126	20 19 48.7	20.050	0.000	80.9	6 177 320	20 5419
9188	8.8	55 29.01	3.0607	0.0146	23 35 5.8	20.050	0.000	82.3	322 339 392 394	23 4846
9189	9.2	55 35.81	3.0613	0.0143	23 5 14.9	20.051	0.000	81.9	316 344	}22 4943
9190	8.9	55 37.72	3.0614	0.0143	23 5 4.9	20.051	0.000	82.2	339 344 390c	
9191	8.8	23 56 0.37	+3.0623	+0.0144	+23 11 47.5	+20.051	−0.001	81.8	316 329	23 4847
9192	8.9	56 5.24	3.0619	0.0152	24 27 0.1	20.051	0.001	82.1	309 329 400	24 4878
9193	9.1	56 17.60	3.0627	0.0148	23 51 26.3	20.052	0.001	81.5	179 181 398	23 4848
9194	8.9	56 27.44	3.0633	0.0146	23 26 37.2	20.052	0.002	82.2	312 322 392 394	23 4849
9195	8.8	56 56.33	3.0647	0.0142	22 49 23.8	20.052	0.003	80.8	161 163 166 175	22 4945
9196	8.6	23 56 58.02	+3.0648	+0.0143	+22 52 45.4	+20.052	−0.003	80.8	161 163 166 175	22 4946
9197	8.3	57 28.45	3.0664	0.0135	21 36 0.8	20.053	0.004	80.7	8 13 16 390c	21 5019
9198	8.5	57 28.60	3.0668	0.0127	20 13 54.8	20.053	0.004	80.9	6 177 320	20 5425
9199	8.3	57 33.94	3.0670	0.0127	20 15 31.9	20.053	0.004	80.9	6 177 320	20 5426
9200	8.2	57 55.52	3.0674	0.0137	21 52 18.1	20.053	0.005	80.5	8 13 320	21 5022

[1] Z. 161 dupl.?

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Zonen	B.D.
9201	9.2	23^h 58^m $8^s.63$	$+3^s.0674$	$+0^s.0151$	+24° 0' 18".7	+20".054	−0".005	81.9	316 344	[23° 4851]
9202	9.0	58 21.81	3.0680	0.0151	24 0 19.6	20.054	0.005	81.5	5 Beob.[1]	23 4852
9203	7.9	58 28.37	3.0685	0.0142	22 34 25.5	20.054	0.006	80.8	161 163 166 175	22 4950
9204	8.7	59 2.61	3.0700	0.0136	21 31 51.2	20.054	0.007	80.0	6 8 13 16	21 5026
9205	7.0	59 31.40	3.0710	0.0151	23 52 24.8	20.054	0.008	81.2	179 181 339	23 4853
9206	7.3	23 59 37.42	+3.0713	+0.0153	+24 13 16.4	+20.054	−0.008	82.0	309 329 398	24 4885
9207	9.4	59 43.95	3.0716	0.0146	23 4 38.3	20.054	0.008	81.7	312 322	22 4952
9208	9.2	59 58.75	3.0722	0.0147	23 11 22.0	20.054	0.009	81.2	179 181 329	23 4854

[1] Z. 179 181 309 316 344

Nachtrag.

Strassburger Beobachtungen von 7 in den Zonen fehlenden Sternen.

Nr.	Gr.	A.R. 1875	Praec.	Var. saec.	Decl. 1875	Praec.	Var. saec.	Ep.	Beob.	B.D.
2216^a	9.4	6^h 2^m $9^s.97$	$+3^s.6780$	$+0^s.0013$	+24° 22' 37".2	− 0".190	−0.536	92.6	2 Mer.-Beob. WZ	24° 1136
2788^a	9.8	7 0 5.51	3.6129	−0.0060	22 43 10.9	− 5.198	−0.507		Mikr.-Beob. K	22 1579
4528^a	9.3	12 23 58.29	3.0140	−0.0087	22 39 42.8	−19.945	+0.055	92.2	2 Mer.-Beob. Z	22 2477
4564^a	9.3	12 30 57.40	3.0037	−0.0071	20 50 45.5	−19.872	+0.068	92.2	2 » » »	20 2744
4609^a	9.1	12 41 52.53	2.9603	−0.0083	24 45 2.4	−19.720	+0.087	92.2	2 » » »	24 2496
5722^a	9.3	16 40 50.95	2.6086	+0.0036	20 13 58.3	− 6.789	+0.361	93.4 93.9	1,2 » » W	20 3329
6296^a	...	18 0 37.09	2.5302	+0.0021	22 4 6.3	+ 0.054	+0.369		Mikr.-Beob. K	22 3272

Bemerkung zum Nachtrag. — Die Meridian-Beobachtungen sind am Strassburger Repsold'schen Meridiankreis von den Herren Wanach (W) und Dr. Zwink (Z), die mikrometrischen Anschlüsse (1895 März 22) am 18^z Refractor von Herrn Dr. Kobold (K) gemacht. Stern 2788^a ist an 2775 und 2792, der wahrscheinlich veränderliche, als 11^m beobachtete Stern 6296^a an 6299 angeschlossen. Die Grössen sind, ausser für Nr. 2788^a, nach BD angesetzt.

Verzeichniss der Zonen.

Zone	Lage	Datum	Zone	Lage	Datum	Zone	Lage	Datum	Zone	Lage	Datum
1	O	1879 Nov. 10	64	O	1880 März 23	127	O	1880 Juli 7	188	W	1881 Jan. 6
2	O	» » 14	65	W	» » 24	128	W	» » 11	189	W	» » 6
3	O	» » 18	66	W	» » 24	129	W	» » 14	190	W	» » 6
4	O	» » 19	67	W	» » 25	130	W	» » 15	191	W	» » 8
5	O	» » 21	68	W	» » 25	131	W	» » 16	192	W	» » 8
6	O	» Dec. 15	69	O	» » 26	132	W	» » 18	193	O	» » 9
7	O	» » 15	70	O	» » 26	133	W	» Aug. 18	194	O	» » 9
8	O	» » 16	71	O	» » 27	134	W	» » 18	195	O	» » 10
9	O	» » 16	72	W	» April 2	135	O	» » 19	196	O	» » 14
10	O	» » 17	73	W	» » 7	136	O	» » 19	197	O	» » 14
11	O	» » 17	74	W	» » 7	137	O	» » 20	198	O	» » 17
12	W	» » 21	75	W	» » 10	138	O	» » 22	199	O	» » 21
13	W	» » 22	76	O	» » 12	139	O	» » 26	200	O	» » 23
14	W	» » 22	77	O	» » 13	140	O	» » 26	201	O	» » 23
15	W	» » 24	78	O	» » 13	141	W	» » 27	202	W	» » 24
16	W	» » 27	79	O	» » 16	142	W	» » 28	203	W	» » 24
17	W	» » 27	80	O	» » 16	143	W	» » 28	204	W	» » 25
18	O	1880 Jan. 15	81	W	» » 17	144	W	» » 30	205	W	» » 25
19	O	» » 18	82	W	» » 18	145	W	» » 30	206	W	» » 27
20	W	» » 19	83	W	» » 20	146	W	» » 31	207	W	» » 27
21	W	» » 19	84	O	» » 21	147	W	» » 31	208	O	» Febr. 1
22	W	» » 21	85	O	» » 22	148	W	» Sept. 1	209	O	» » 1
23	W	» » 21	86	O	» » 29	149	O	» » 2	210	O	» » 2
24	W	» » 27	87	O	» » 30	150	O	» » 3	210a	O	» » 2
25	W	» » 27	88	O	» » 30	151	O	» » 4	211	O	» » 3
26	O	» » 28	89	O	» Mai 1	152	O	» » 6	212	O	» » 4
27	O	» » 28	90	O	» » 1	153	O	» » 6	213	O	» » 4
28	O	» » 29	91	W	» » 8	154	O	» » 8	214	O	» » 7
29	O	» » 29	92	W	» » 8	155	O	» » 8	215	O	» » 18
30	O	» » 30	93	W	» » 9	156	O	» » 11	216	O	» » 21
31	O	» » 30	94	W	» » 9	157	O	» » 11	217	O	» » 21
32	W	» Febr. 2	95	W	» » 10	158	O	» » 18	217a	O	» » 22
33	W	» » 3	96	W	» » 10	159	W	» » 21	218	O	» » 22
34	W	» » 3	96a	W	» » 11	160	W	» » 25	219	O	» » 23
35	W	» » 5	97	O	» » 12	161	W	» » 25	220	O	» » 23
36	W	» » 5	98	O	» » 12	162	W	» » 27	221	W	» » 24
37	O	» » 6	99	O	» » 13	163	W	» » 27	222	W	» » 24
38	O	» » 7	100	O	» » 14	164	W	» » 28	223	W	» » 27
39	O	» » 7	101	W	» » 15	165	O	» Oct. 17	224	W	» März 14
40	W	» » 8	102	W	» » 15	166	O	» » 17	225	W	» » 14
41	W	» » 10	103	W	» » 18	167	O	» » 19	226	W	» » 15
42	W	» » 10	104	W	» » 18	167a	O	» » 30	227	W	» » 15
43	O	» » 27	105	W	» » 26	168	O	» Nov. 3	228	O	» » 16
44	O	» März 8	106	W	» » 26	169	O	» » 3	229	O	» » 17
45	O	» » 8	107	W	» » 27	170	W	» » 8	230	O	» » 22
46	W	» » 9	108	W	» » 27	171	W	» » 18	231	O	» » 22
47	W	» » 9	109	O	» Juni 2	172	W	» » 20	232	W	» » 23
48	O	» » 10	110	O	» » 2	173	W	» » 22	233	W	» » 27
49	O	» » 10	111	O	» » 9	174	W	» » 24	234	W	» » 28
50	O	» » 11	112	O	» » 9	175	W	» » 28	235	W	» » 28
51	O	» » 11	113	O	» » 13	176	W	» » 29	236	W	» » 30
52	O	» » 12	114	O	» » 13	177	W	» Dec. 1	237	W	» » 31
53	O	» » 12	115	O	» » 14	178	W	» » 1	238	W	» » 31
54	W	» » 13	116	O	» » 16	179	W	» » 2	239	W	» April 1
55	W	» » 13	117	O	» » 20	180	O	» » 14	240	W	» » 3
56	W	» » 15	118	O	» » 20	181	O	» » 22	241	W	» » 4
57	W	» » 16	119	O	» » 21	181a	O	» » 29	242	W	» » 4
58	W	» » 16	120	W	» » 23	181b	O	» » 30	243	W	» » 5
59	W	» » 18	121	W	» » 26	182	O	1881 Jan. 2	244	O	» » 7
60	W	» » 18	122	W	» » 27	183	O	» » 3	245	O	» » 8
60a	O	» » 20	123	W	» Juli 1	184	O	» » 3	246	O	» » 10
61	O	» » 22	124	W	» » 1	185	O	» » 3	247	O	» » 12
62	O	» » 22	125	O	» » 2	186	W	» » 5	248	O	» » 12
63	O	» » 23	126	O	» » 6	187	W	» » 5	249	O	» » 13

Zone	Lage	Datum	Zone	Lage	Datum	Zone	Lage	Datum	Zone	Lage	Datum
250	W	1881 April 14	298	O	1881 Aug. 16	345	W	1882 Jan. 1	390b	O	1882 Sept. 15
251	W	» » 14	299	O	» » 16	346	W	» » 1	390c	O	» » 15
252	O	» » 22	299a	W	» » 20	347	W	» » 7	391	O	» » 16
252a	O	» » 29	300	W	» » 22	348	O	» » 13	392	O	» » 16
253	O	» Mai 5	301	W	» » 25	349	O	» » 13	393	O	» » 17
254	O	» » 6	302	W	» » 25	350	O	» » 14	394	W	» » 18
255	O	» » 7	303	W	» » 26	351	O	» » 14	395	W	» » 20
256	O	» » 9	304	W	» » 29	352	O	» » 15	396	W	» » 25
257	O	» » 10	305	W	» » 29	353	O	» » 16	397	W	» » 25
258	O	» » 10	306	W	» » 31	354	O	» » 16	398	W	» » 28
259	O	» » 11	306a	W	» » 31	355	O	» » 17	399	W	» » 28
260	O	» » 12	307	W	» Sept. 1	356	O	» » 17	399a	O	» Oct. 5
261	O	» » 12	308	O	» » 20	357	W	» » 30	400	O	» » 5
262	O	» » 13	309	O	» » 20	358	W	» Febr. 1	400a	O	» » 6
263	W	» » 14	310	O	» » 21	359	W	» » 1	401	O	» » 6
264	W	» » 14	311	O	» » 23	360	W	» » 2	402	W	» » 7
265	W	» » 18	312	O	» » 23	361	W	» » 2	403	W	» » 7
266	W	» » 24	313	O	» » 24	362	W	» » 3	404	O	» » 21
267	W	» » 25	314	O	» » 24	363	W	» » 3	405	W	» » 26
268	W	» » 25	315	O	» » 25	364	W	» » 10	406	W	» » 30
269	W	» » 28	316	O	» » 25	365	W	» » 11	407	W	» Nov. 2
270	W	» » 30	317	O	» » 30	366	O	» » 12	408	O	» » 8
271	O	» » 31	318	O	» » 30	367	O	» » 13	409	O	» » 10
272	O	» Juni 3	319	O	» Oct. 1	368	O	» » 13	410	O	» » 10
273	W	» » 15	320	O	» » 1	369	O	» » 25	411	W	» » 13
274	W	» » 16	321	W	» » 6	370	O	» März 1	412	W	» » 13
275	W	» » 18	322	W	» » 10	371	O	» » 3	413	W	» Dec. 3
276	W	» » 20	323	W	» » 10	372	O	» » 7	414	O	» » 9
277	O	» » 21	324	W	» » 11	373	O	» » 9	415	W	1883 Jan. 4
277a	O	» » 27	325	W	» » 13	374	O	» » 12	416	W	» » 6
278	O	» » 28	325a	W	» » 13	375	O	» » 13	417	O	» » 8
279	O	» » 30	326	W	» » 15	376	W	» » 16	418	O	» » 11
280	O	» » 30	327	W	» » 15	377	W	» » 20	419	O	» » 12
281	W	» Juli 1	328	W	» » 16	378	W	» » 25	420	W	» » 15
282	W	» » 12	329	W	» » 17	379	O	» April 4	421	W	» » 21
283	W	» » 13	330	W	» » 31	379a	O	» » 5	422	W	» » 23
284	W	» » 14	331	W	» Nov. 3	379b	W	» » 6	423	O	» » 24
285	W	» » 14	332	W	» » 9	380	O	» Juni 23	424	O	» » 25
286	W	» » 15	333	W	» » 9	381	O	» Juli 3	425	O	» » 25
287	W	» » 18	334	W	» » 10	382	O	» » 10	426,1	O	» Febr. 3
288	W	» » 18	335	O	» » 19	383	O	» » 13	426,2	O	» » 12
289	W	» » 19	336	O	» » 20	384	O	» » 15	427,1	W	» » 13
290	O	» » 21	337	O	» » 24	385	W	» » 18	427,2	W	» » 13
291	O	» » 22	338	O	» » 24	386	W	» Sept. 8	428	W	» » 16
292	O	» Aug. 3	339	O	» » 25	387	W	» » 9	429	W	» » 17
293	O	» » 5	340	O	» » 25	388	O	» » 10	430	W	» » 17
294	O	» » 5	341	O	» » 25	389	O	» » 11	431	W	» » 18
295	O	» » 8	342	O	» » 26	389a	O	» » 11	432	O	» » 19
296	O	» » 8	343	O	» Dec. 17	390	O	» » 12			
297	O	» » 13	344	W	» » 31	390a	O	» » 12			

Vergleichungen mit anderen Catalogen.

Struve, Positiones mediae.

Nr.	Berl. — Str. Δα	Δδ	ΔEp.	Anz. Str.
	0^h			
198	+0ˢ.03	−1″.3	46″.3	4
200	+0.01	+0.6	39.4	3
331	+0.20	−1.7	57.6	5
	1^h			
373	+0.03	−3.2	39.1	2
389	−0.16	−3.0	39.1	1
507	+0.38	−2.3	37.9	3
545	−0.17	−1.3	57.1	6
553	+0.15	−4.0	46.5	3
586	−0.47	−0.8	57.4	6
593	0.00	−2.6	50.1	4
596	+0.02	−6.4	38.4	2
608	+0.05	−2.3	44.5	2
628-9	−0.04	−0.8	39.6	1
	2^h			
656	+0.46	−6.1	39.1	2
693	−0.12	−2.4	50.6	2
694-5	+0.08	+0.1	52.5	1
713	−0.08	−1.3	37.7	1
752	+0.32	−6.0	53.5	2
788	+0.57	−0.9	56.2	2
869	−0.16	−3.2	38.6	2
895	+0.08	+0.5	54.1	1
905	+0.03	−4.4	39.0	2
	3^h			
911	−0.28	−5.0	51.5	1
948	+0.28	−2.1	52.4 52.6	1
984	+0.08	−5.2	51.4	3
1003	−0.05	−1.3	45.6	2
1045	−0.01	−1.7	56.8	4
1057	−0.04	−1.6	57.1	4
1129	+0.03	−3.7	58.1	2
1143	+0.16	−4.1	46.6	2
1292	+0.10	−3.3	57.3	6
	4^h			
1340	+0.10	−2.0	55.7	2
1341	+0.18	−1.9	53.7	1
1384	−0.16	−3.1	42.0	2
1392	−0.11	−0.2	48.3	1
1417	−0.33	−1.6	56.8	4
1464	−0.04	−1.6	37.8	1
1495	−0.03	+1.5	43.5	1
1548	+0.03	−0.5	38.7	1
	5^h			
1645	−0.02	+0.7	58.8	1
1710	+0.05	−2.4	39.4	4
1716	+0.09	−3.9	39.3	1
1722	−0.08	−2.7	38.5	2
1761	−0.04	−2.0	57.9	5
1818	−0.07	−1.1	44.0	2
1820	−0ˢ.09	−4″.1	58″.8	5
1847	+0.14	−2.5	47.6	3
1886	−0.02	−2.9	49.5	1
1936	+0.05	−3.3	41.7	3
1937	−0.10	−1.6	41.7	2
	6^h			
2225	+0.05	−0.3	41.9	3
2307	+0.13	−2.2	47.1	3
2397	−0.16	−3.4	57.7	6
2455	−0.18	−2.5	56.0	4
2482-3	−0.05	+0.1	39.1	1
2684	−0.08	−1.5	51.5	2
	7^h			
2825	+0.16	−1.1	49.2	3
2869	−0.05	−2.0	40.9	2
2929*	−0.02	−1.9	45.9	3
2937	−0.02	−2.0	53.1	8
2952	−0.08	−1.1	57.0	6
3000	−0.09	−0.9	46.9	3
3019	−0.01	−1.0	49.8	3
3062	+0.13	−3.9	37.5	2
3137	+0.01	+5.5	43.4	1
3178	+0.06	+0.2	47.7	4
3187	+0.05	−2.8	46.8	3
3213	−0.15	−1.2	51.6	5
	8^h			
3359	+0.05	−0.8	44.2	5
3373	+0.18	−0.8	49.7	4
3381	−0.22	−4.8	56.9	6
3389	−0.09	−1.5	49.3	6
3453	−0.11	−3.4	50.0	1
3497	−0.08	−2.0	47.4 47.6	3
3508	+0.08	−0.1	49.9	2
3557	+0.06	+0.5	45.5	2
3625	−0.02	−4.0	51.0	3
	9^h			
3657	−0.68	+0.6	57.5	5
3694	−0.50	−9.8	57.1	6
3710	−0.31	−4.1	57.0	4
3783	−0.12	−8.4	49.3	3
3878	−0.95	−1.1	56.1	5
	10^h			
3987*	−0.53	−2.2	50.0	4
3994-5	+1.26	−9.8	57.4	11
4023	+0.01	−2.3	49.2	3
4032-3	+0.41	−5.0	51.3	4
4041	−0.01	−0.3	54.8	10
4052	−0.13	−1.1	49.3	5
4057	+0.11	−1.5	47.2	3
4087-8	+0.23	−1.9	49.2	4
	11^h			
4213	−1ˢ.50	−6″.9	52″.0	4
4247	−0.09	−0.2	48.9	3
4260	−0.11	−0.9	51.5	5
4288	−0.20	+0.3	52.4	2
4291	+0.08	−4.8	48.9	1
4308	−0.10	−0.8	47.6	5
4333	−0.06	−2.2	52.3	3
4386	+0.03	−0.2	48.9	1
4399	−0.17	−0.8	49.4	4
4433	+0.16	−0.5	57.8	6
	12^h			
4509	−0.14	−0.6	50.3	5
4540-1	+0.13	−2.6	48.7	4
4564	−0.04	−2.5	49.3	3
4618	−0.32	−1.7	51.9	4
4630	−0.33	−0.1	56.2	4
4635	−0.20	−2.0	55.5	4
4671	−0.24	+0.8	44.1	3
	13^h			
4800	−0.65	+0.1	38.3	4
4814	−0.26	0.0	45.0	1
4852	−0.22	−0.7	40.2	6
4875	+0.04	−0.1	42.4	6
4949	0.00	−1.6	44.7	4
4955	0.00	−0.6	51.4	5
	14^h			
4985	+0.17	−3.4	50.7	4
5026	−0.46	−5.8	41.8	3
5169-70	−0.29	+1.7	40.1	4
	15^h			
5313	+0.10	−0.7	43.2	4
5431	+0.01	−0.7	45.7	4
5472-3	−0.07	−1.6	44.3	3
	16^h			
5682	+0.05	−1.9	53.1	5
5700	−0.04	−1.7	49.2	4
5702	−0.17	+1.4	56.0	3
5713-14	0.00	−2.0	43.4	4
5739	+0.05	−1.1	47.1	7
5762	−0.11	+1.0	52.4	5
	17^h			
5887	+0.14	−0.2	44.3	5
6018	−0.02	−1.5	43.3	3
6038	−0.03	−1.3	52.1	5
6083	−0.11	+2.8	55.9	6
6088	−0.05	−1.6	47.5	5
6091	−0.01	−1.7	44.0	2
6253-4	+0.11	−0.2	57.0	6
6284	−0.04	−4.6	49.0	1

Nr.	Berl. — Str. Δα	Δδ	ΔEp.	Anz. Str.
	18^h			
6376	$+0^s.01$	$0''.0$	$50^a.5$	4
6421	−0.01	−2.2	46.0	5
6447	0.00	+1.2	47.6	4
6483	0.00	−0.5	51.7	4
6553	+0.02	−1.7	37.0	1
6590	−0.23	−2.4	39.6	1
6598	−0.07	−0.1	48.5	2
6672	+0.06	−1.0	50.5	3
6729*	−0.10	−0.7	53.7	4
6827	0.00	+0.1	49.5	5
	19^h			
6847	−0.05	−4.2	47.5	4
6852	−0.02	+0.9	45.7	4
6909	−0.09	−0.4	49.8	3
6943-4	−0.04	−0.9	51.3	5
6998	−0.15	+1.4	53.0	3
7024	+0.03	+0.3	57.2	7
7028	+0.02	−1.8	48.1	4
7039	−0.16	−4.8	50.8	5

Nr.	Berl. — Str. Δα	Δδ	ΔEp.	Anz. Str.
7090	$+0^s.09$	$+1''.4$	$54^a.1$	4
7141	−0.06	−0.3	52.8	5
7153	−0.13	−2.0	46.0	5
7170	−0.09	+0.4	52.3	5
7246	−0.03	−0.7	45.3	2
7257	0.00	−1.9	45.8	2
7279-80	−0.11	−2.5	39.0	4
7287	−0.02	−1.0	41.6	5
7342	−0.13	+0.7	37.6	4
7358	+0.12	−0.3	52.0	2
	20^h			
7487	−0.08	+0.4	44.8	4
7516	+0.15	+3.9	56.7	7
7573	+0.10	+0.8	47.4	4
7575	0.00	−1.0	56.8	6
7659	+0.07	+0.4	50.6	6
7697	+0.10	+0.1	51.9	4
7846	+0.06	+0.1	54.2	5
7902-3	+0.16	−0.7	49.4	4

Nr.	Berl. — Str. Δα	Δδ	ΔEp.	Anz. Str.
	21^h			
8103	$+0^s.08$	$-0''.4$	$50^a.2$	3
8124	+0.02	− 1.4	58.3	6
8276-7	−0.02	− 2.7	51.4	5
8478	−0.07	− 2.0	53.0	7
	22^h			
8518	−0.07	+ 0.2	44.7	5
8539	+0.12	− 1.6	50.5	2
8607	−0.02	− 0.2	51.2	4
8620	+1.37	− 2.1	56.9	6
8644	+0.13	− 1.7	49.9	7
8666	−0.03	− 0.3	48.1	5
8719	+0.23	− 4.2	48.5	4
	23^h			
8887-8	−0.02	− 3.1	48.8	6
8910	+0.07	− 2.7	52.2	2
8919-20	+0.06	− 1.0	51.1	6
9160	−0.18	−10.9	49.6	6

Für die mit * bezeichneten Sterne ergeben sich die aufgeführten Differenzen nach Reduction des Struve'schen Orts auf den Hauptstern.

Der Vergleichung liegen durchweg die für die »corr. ultimae« verbesserten Oerter für die Beobachtungsepoche zu Grunde.

Sabler, Pulkowa 1851.0.

Nr.	Berl. — Sabl. Δα	Δδ	ΔEp.	Anz. Sabl.	Nr.	Berl. — Sabl. Δα	Δδ	ΔEp.	Anz. Sabl.
596	$+0^s.11$	$-4''.5$	$30^a.4$	3	5887	$+0^s.11$	$-1''.4$	$29^a.1$	1
656	+0.35	−4.8	31.1	3	6091	+0.13	−2.3	30.1	2
1820	+0.02	−1.9	30.7	2	6284	+0.06	−3.1	30.5	2
3657	−0.64	+1.5	29.3	2	6590	−0.01	−1.8	29.5	2
3878	−0.64	−0.7	28.1	2	7358	−0.04	−2.0	29.5	5
5739	−0.01	−1.2	28.1	2	8620	+0.81	−1.5	35.3	2
5762	−0.04	−0.1	28.4	2	8910	+0.05	−2.0	30.0	2

Aus 26 Sternen mit gut bestimmter Eigenbewegung folgt Berl. — Str.:

0^h bis 5^h	$+0^s.016$	$-0''.68$	13	St.
6 » 11	+0.058	−1.12	6	»
12 » 17	+0.147	−1.43	3	»
18 » 23	+0.070	−1.75	4	»
Mittel	$+0^s.049$	$-1''.03$	26	St.

Die Reduction Berl. — Sabler ist = Berl. — Struve anzunehmen.

Pulkowa 1855 (Positions Moyennes de 3542 étoiles).

Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.
	0^h			586	$-0^s.08$	$+0''.8$	$25^a.5$	863	$+0^s.46$	$-0''.6$	$26^a.0$	1057	$+0^s.01$	$+0''.2$	$26^a.3$
12	$+0^s.17$	$+0''.8$	$18^a.4$	631	−0.01	−1.7	25.9	867	+0.13	−1.5	25.7	1071	0.00	−0.6	25.7
193	−0.91	−9.6	27.4	632	+0.06	−0.1	26.2	869	+0.01	+0.8	26.5	1092	−0.05	+0.1	25.9
198	−0.02	−0.8	27.4	633	−0.02	+0.4	26.0	895	+0.02	−0.6	26.0	1118	+0.05	+0.5	23.6
241	+0.25	+0.2	27.0									1119	−0.01	−0.5	26.0
280	+0.22	−0.4	26.9		2^h				3^h			1128	0.00	−1.8	26.5
292	−0.05	+0.3	26.6	661	+0.29	−0.3	26.3	950	−0.11	−1.5	26.5	1129	+0.07	−0.4	26.6
331	+0.22	−0.4	27.1	680	+0.33	−0.3	26.2	982	+0.01	−1.9	25.8	1142	+0.01	−1.5	27.8
				681	−0.19	−2.2	27.0	992	+0.02	−1.1	26.8	1145	+0.02	−1.4	26.7
	1^h			686	−0.01	0.0	21.4	1000	−0.07	+0.1	26.5	1147	+0.05	−0.8	26.9
361	+0.26	0.0	27.3	748	+0.23	−1.5	39.1	1005	+0.04	−1.0	25.7	1152	+0.02	−1.6	26.0
373	+0.08	−1.2	26.9	752	+0.22	−3.0	32.4	1008	+0.01	+0.1	26.5	1168	+0.06	−1.1	25.7
545	−0.09	+0.2	36.1	788	+0.28	+0.4	26.1	1009	+0.03	−0.7	25.1	1186	+0.02	−1.2	26.9
575	+0.04	+0.5	27.4	838	+0.13	−0.1	26.4	1024	+0.01	−2.3	25.5	1187	+0.08	−0.6	26.6

Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.
1192	$+0^s.12$	$-1''.1$	$27^a.4$
1196	+0.03	−1.5	25.1
1216	+0.13	−4.5	37.6
1228	+0.01	−1.2	38.0
1258	+0.20	−3.3	37.7
1261	−0.01	−0.5	25.5
1292-3	+0.20	−2.8	27.0
1309	−0.03	−1.0	25.7
1314	+0.19	−1.3	26.1
1319	+0.26	−3.1	27.0
	4^h		
1377	−0.12	−1.6	26.5
1386	+0.20	−0.9	25.6
1389	+0.02	−1.2	27.5
1391	+0.16	−0.7	25.8
1406	+0.17	−1.5	25.8
1413	+0.06	−1.1	38.4
1417	−0.02	0.0	25.9
1424	+0.22	−1.6	26.4
1425	+0.19	−1.7	25.3
1429	+0.16	−1.0	25.6
1434	+0.02	+0.4	25.1
1437	+0.19	−2.2	23.8
1476	−0.02	−1.5	23.4
1505	+0.03	−0.7	25.5
1513	+0.03	−0.1	25.9
1580	−0.05	−0.7	25.0
1581	+0.11	−1.0	26.1
	5^h		
1643	−0.14	−2.4	26.8
1644	+0.06	+0.6	26.5
1645	0.00	−0.5	27.0
1689	0.00	−1.1	26.8
1701	+0.01	−1.7	26.3
1749	−0.04	−0.9	26.3
1761	+0.09	−1.3	26.8
1801	0.00	−0.4	25.6
1897	+0.04	−0.1	17.5
1979	+0.01	−0.3	26.5
2030	+0.03	−1.3	26.7
2042	−0.27	−2.2	26.7
2109	+0.02	−0.6	34.9
2122	−0.01	−1.3	25.5
2150	+0.01	−0.6	26.7
2151	+0.03	−3.4	27.3
2170	+0.02	+0.6	26.9
	6^h		
2216	0.00	+0.6	27.1
2222	+0.03	−0.6	26.6
2230	+0.01	−2.2	27.1
2240	−0.04	−0.6	26.6
2278	+0.02	−0.9	26.4
2280	+0.06	+0.3	26.1
2297	+0.05	+0.5	25.7
2301	−0.01	−0.6	26.4
2302	+0.07	+0.9	17.5
2373	−0.10	−0.6	26.2
2397	−0.02	−1.3	26.8
2402	+0.01	+1.0	27.1
2414	+0.02	−0.3	26.1
2630	−0.05	−1.5	27.1
2735	+0.05	+0.8	25.2
2759	−0.01	−1.8	25.2
2778	+0.06	−0.2	19.4
	7^h		
2813	$-0^s.19$	$-7''.9$	$18^a.6$
2830	−0.04	−0.2	25.4
2842	−0.04	+0.7	25.4
2845	+0.09	−1.9	25.8
2910	−0.11	−1.2	26.6
2923	−0.04	−0.5	25.1
2947	+0.04	−0.5	26.4
2953	−0.05	−2.6	26.4
3104	−0.02	−1.3	26.6
3124	0.00	0.0	26.0
3132	−0.01	+0.7	20.3
3159	−0.01	−0.7	25.7
3171	+0.04	−1.1	20.1 19.7
3177	−0.04	−1.5	25.2
3234	−0.03	−0.6	26.7
3258	−0.04	−0.3	26.0
3262	−0.21	−1.1	25.4
	8^h		
3268	+0.05	−2.0	26.0
3343	+0.15	−2.8	37.6
3344	+0.01	−0.6	25.4
3381	−0.09	−1.8	25.4
3394	+0.01	−0.6	25.4
3408	−0.07	−0.1	25.1
3419	−0.12	−1.3	26.5
3436	−0.11	−2.0	25.2
3454	−0.03	−1.0	20.8
3459	−0.03	−2.0	21.8
3464	−0.05	−1.0	20.9
3474	−0.09	−1.6	21.2
3475	−0.08	−0.6	38.0
3484	−0.04	−1.3	26.7
3485	−0.17	−1.0	26.1
3490	−0.06	−0.5	27.0 27.2
3495	−0.11	−1.3	26.8
3497	−0.04	−0.3	18.0 17.5
3500	−0.04	−0.6	16.8
3510	−0.03	+0.1	14.0
3516	−0.18	−1.0	25.1
3600	+0.04	−0.4	19.4
3632	+0.03	0.0	26.5
	9^h		
3657	−0.53	+1.3	36.4
3671	+0.04	+0.1	25.3
3675	+0.09	−0.6	25.3
3689	−0.03	−0.1	25.7
3747	−0.12	−3.4	26.4
3782	+0.01	−0.2	26.3
3844	−0.03	+0.3	39.1
3851	−0.09	0.0	25.5
3859	+0.02	−4.9	25.5
3913	−0.21	+0.1	39.6
	10^h		
3971	−0.31	+0.2	25.3
3977	−0.68	−3.2	25.3
3992	−0.35	−6.7	26.2
4138	−0.08	+0.1	35.8
4166	−0.03	+1.4	25.5
	11^h		
4191	−0.06	+1.0	25.5
4219	+0.01	+0.1	25.5
4334	−0.10	−0.4	25.2
4366	−0.29	+0.2	26.2
4414	−0.24	−0.8	39.0
4422	$+0^s.02$	$-0''.1$	$25^a.7$
4433	+0.14	+0.4	26.2
	12^h		
4463	−0.03	−0.6	25.5
4476	+0.04	−0.7	25.4
4490	0.00	−0.4	25.4
4514	+0.17	−1.0	39.9
4525	+0.01	−0.9	25.4
4549	+0.06	+0.7	25.4
4557	−0.15	+0.4	40.0
4571	−0.11	−0.3	38.8
4572	−0.08	−0.4	25.5
4635	−0.01	−2.3	25.3
	13^h		
4694	−0.11	−1.0	25.4
4695	+0.09	−1.1	25.6
4742	−0.25	+0.6	30.5
4778	−0.06	+0.6	39.4
4820	−0.74	+5.3	39.2
4852	−0.10	+0.7	25.6
4854	+0.07	−0.4	25.5
4897	+0.06	+0.3	25.6
4942	−0.01	−1.2	25.6
	14^h		
5095	−0.18	+0.9	26.4
5169	−0.32	+2.2	38.5
5182	+0.41	+0.9	38.8
	15^h		
5266	+0.19	+3.8	39.2
5282	−0.05	−0.1	39.5
5373	−0.06	−0.8	39.1
5387	−0.02	−1.7	25.3
5434	−0.12	+1.2	26.4
5445	−0.29	+0.8	38.9
5490	+0.04	−0.2	25.7
	16^h		
5525	−0.10	−2.3	39.0
5540	−0.05	−0.5	25.8
5556	−0.06	−1.1	25.3
5561	+0.08	+1.3	25.3
5570	−0.05	−2.4	39.3
5626	−0.23	−2.7	34.6
5752	−0.03	+0.8	26.4
5766	+0.17	+0.1	38.3
5804	−0.01	−1.0	40.0
	17^h		
5847	0.00	−2.1	38.3
5863	+0.09	−1.6	25.9
5878	−0.19	+0.1	25.4
5935	−0.01	−0.8	25.7
5956	−0.11	−1.4	26.1
5976	−0.02	+0.1	34.8
6038	−0.10	−1.4	37.7
6054	−0.01	−0.3	25.4
6082	−0.06	+1.2	25.4
6100	−0.09	−3.2	26.4
6107	−0.08	+1.7	25.4
6148	−0.01	−0.2	13.0
6162	−0.41	−1.8	39.0
6202	+0.07	−0.3	39.2
6254	+0.10	−0.3	25.9
6270	+0.02	−0.9	25.9
6272	+0.02	−0.5	26.5
	18^h		
6298	$+0^s.11$	$-1''.1$	$26^a.6$
6318	−0.02	− 1.1	25.5
6319	+0.04	− 1.3	25.5
6356	+0.15	+ 1.6	39.0
6406	+0.02	− 0.3	25.5
6416	−0.03	− 1.8	26.5
6433	+0.08	+ 2.0	26.5
6494	−0.14	+ 0.3	37.0
6528	−0.04	+ 0.9	34.9
6556	0.00	+ 0.1	36.5
6635	−0.02	− 2.8	37.5
6668	+0.04	− 0.7	19.9
6710	−0.07	0.0	25.8
6732	+0.01	+ 0.3	25.6
	19^h		
6846	+0.06	+ 0.3	26.5
6860	0.00	+ 1.6	20.6
6893	0.00	− 0.1	39.5
6917	+0.02	+ 0.6	26.1
6924	−0.01	− 0.6	25.5
6936	−0.07	− 1.0	37.3
7010	−0.01	− 1.2	25.5
7012	−0.38	−17.4	26.2
7046	−0.30	− 2.9	26.2
7050	−0.09	+ 1.0	26.2
7051	+0.01	− 0.8	25.5
7316	−0.01	− 1.6	26.2
7341	−0.02	− 0.1	26.0
7349	0.00	+ 0.1	26.2
7397	−0.20	+ 0.6	25.8
7429	+0.02	− 0.7	26.8
7430	+0.05	+ 1.7	26.4
7450	−1.47	−17.3	19.6
	20^h		
7485	−0.10	+ 0.3	25.8
7497	−0.05	− 3.4	26.2
7517	+0.04	+ 1.6	25.8
7533	+0.05	− 0.4	27.0
7589	−0.04	− 0.6	35.8
7591	−0.01	− 0.4	26.8
7598	−0.05	− 1.1	26.8
7664	0.00	− 0.4	27.0
7694	0.00	− 0.6	39.9
7828	+0.14	− 0.4	25.8
7832	−0.01	− 0.2	27.3
7912	−0.07	− 5.3	27.6
8024	−0.08	+ 0.4	26.7
8075	+0.04	− 1.2	19.1
	21^h		
8124	+0.08	− 0.9	26.8
8126	+0.05	− 2.2	26.7
8181	+0.05	+ 0.7	39.2
8187	+0.41	− 3.4	25.1
8208	+0.35	+ 0.5	38.8
8252	−0.03	+ 0.6	26.7
8384	+0.05	+ 0.3	26.8
8385	−0.03	− 0.1	26.2
8389	+0.34	+ 1.4	26.8
	22^h		
8532	−0.09	− 2.5	25.7
8547	+0.02	− 0.4	25.7
8620	+0.73	− 0.7	25.7
8832	+0.07	− 1.4	26.6

Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.	Nr.	Berl. — Pulk. Δα	Δδ	ΔEp.
23^h				8894	+0ˢ.28	−1″.1	38ʸ.9	9020	+0ˢ.02	−0″.8	27ʸ.3	9121	−0ˢ.05	−1″.6	25ʸ.8
				8904	+0.27	−0.1	39.6	9031	−0.13	−1.0	35.3	9149	+0.03	−0.4	34.5
8859	+0ˢ.04	−1″.1	26ʸ.7	8948	+0.19	−1.3	26.2	9036	+0.05	−1.3	35.2	9157	−0.01	−0.8	27.0
8860	+0.37	−3.0	38.8 39.0	8984	+0.08	−1.3	26.7	9119	−0.17	−0.4	26.6				

Zu den vorstehenden Zahlen ist zu bemerken, dass in allen Fällen, wo die im Pulkowaer Catalog angenommene Eigenbewegung von den neueren Bestimmungen abwich, durch Rückrechnung der Ort für die Beobachtungsepoche wieder hergestellt wurde; die Unterschiede sind meist unerheblich, dagegen beträchtlich bei dem Stern 7450, für den der Argelander'sche Werth der EB. −0ˢ.0740 −1″.148 in Declination um nahe ½ Secunde zu gross ist. Bei der Vergleichung wurde folgendes noch nicht angezeigtes Versehen im Pulkowaer Catalog gefunden: Pulk. Nr. 644 37′ muss heissen 38′. Nach Uebertragung auf dieselbe Epoche ergeben sich in den einzelnen Stunden die Mittelwerthe:

RA.	Berl. — Pulk.		Anz.	RA.	Berl. — Pulk.		Anz.
$0^h.74$	+0ˢ.020	+0″.25	6	$12^h.38$	+0ˢ.109	−0″.47	7
1.79 1.69	+0.053	+0.04	6,7	13.46	+0.058	+0.08	6
2.57	+0.049	+0.08	9	14.45	+0.110	−0.20	1
3.58	+0.026	+0.14	29	15.77	+0.060	−0.43	3
4.39	+0.036	−0.02	14	16.32	+0.042	−0.20	4
5.53	+0.036	−0.47	16	17.59 17.54	+0.071	−0.69	10,11
6.32	+0.044	−0.12	16	18.31	+0.051	−0.46	8
7.49	+0.065	−0.22	15	19.56	−0.015	−0.27	15
8.48	+0.057	−0.45	17	20.32	+0.010	−0.29	11
9.34	+0.050	−0.14	7	21.43	+0.032	−0.15	6
10.37	+0.118	−0.67	4	22.13	+0.083	−0.53	3
11.55	+0.068	+0.27	6	23.50	+0.073	−0.47	7

Durch graphische Ausgleichung erhält man hieraus:

Berl. — Pulk.

$0^h.0$	+0ˢ.05	−0″.2	$6^h.0$	+0ˢ.04	−0″.2	$12^h.0$	+0ˢ.08	−0″.2	$18^h.0$	+0ˢ.05	−0″.5
1.0	+0.05	0.0	7.0	+0.05	−0.3	13.0	+0.08	−0.1	19.0	+0.02	−0.4
2.0	+0.04	+0.1	8.0	+0.06	−0.3	14.0	+0.07	−0.2	20.0	0.00	−0.3
3.0	+0.03	+0.1	9.0	+0.07	−0.3	15.0	+0.06	−0.2	21.0	+0.03	−0.3
4.0	+0.03	0.0	10.0	+0.07	−0.2	16.0	+0.06	−0.3	22.0	+0.05	−0.3
5.0	+0.04	−0.1	11.0	+0.08	−0.2	17.0	+0.06	−0.5	23.0	+0.06	−0.3

Bonner Beobachtungen Bd. VI.

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
0^h				
11	+0ˢ.19	−3″.1	23ʸ.0	1
23	−0.21	−3.7	23.0	1
32	0.00	+0.3	23.3	1
38	0.00	−1.2	18.7	1*
47	+0.42	+1.5	22.9	1
48	+0.12	−2.1	20.2	1*
57	+0.15	0.0	23.4	1
90	−0.02	−2.1	22.1	1
94	+0.05	−1.9	23.3	1
99	+0.15	+2.2	22.7	1
102	+0.05	+2.9	21.9	1
118	−0.04	0.0	21.4	1*
123	+0.26	+1.4	22.7	2
134	+0.22	−2.4	14.7	4*
151	+0.07	−5.9	23.0	1
173	−0.09	−2.0	21.0	1,1*
175	+0.26	+1.7	23.0	1
191	+0.09	−1.1	18.9	1,3*
206	+0.05	−2.2	18.6	3*
216	+0.04	−4.9	21.9	1
219	−0.08	−1.4	23.2	1

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
240	+0ˢ.09	+1″.2	21ʸ.2	1
248	−0.15	−1.3	23.5	1
256	+0.01	−0.4	22.9	1*
275	+1.00	−3.4	23.4	1
300	−0.12	−1.2	17.2	2*
319	−0.11	−1.8	22.8	1
330	+0.02	−5.4	23.4	1
1^h				
358	+0.14	−1.0	23.1	1
367	−0.01	−0.2	21.9	1*
388	−0.01	−1.0	23.1	1
389	+0.05	−2.4	23.1	1
392	−0.09	−0.5	22.8	1*
396	+0.09	−0.9	23.2	1
412	+0.21	+1.6	22.0	1*
464	+0.08	−2.8	23.2	1
511	+0.33	+0.9	22.5	1
513	+0.42	−0.5	22.7	1
514	+0.12	−1.4	23.2	1
531	−0.12	−1.3	28.0	2*
533	−0.01	−0.8	28.2	1*

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
549	−0ˢ.07	+0″.6	22ʸ.2	1
575	−0.06	−0.3	18.7	3*
599	+0.11	+0.4	22.5	1
614	+0.08	+1.3	21.7	1
621	−0.16	−1.6	19.5	1*
630	+0.02	−2.7	20.2	2*
2^h				
657	−0.08	+1.8	23.1	1
665	+0.04	−1.4	23.5	1
686	0.00	−0.6	19.1	1,5*
691	+0.20	+0.4	16.9	1*
720	0.00	−1.5	23.1	1
723	−0.07	+1.6	23.1	1*
745	+0.17	+1.8	24.5	1
753	−0.03	−1.7	23.1	1
755	0.00	−1.1	20.2	1*
762	−0.10	−1.1	20.5	2*
773	+0.04	−1.2	22.3	1*
782	−0.08	+2.0	22.2	1
787	+0.16	−1.4	18.7	2,1*
788	+0.07	−0.9	18.5	1,3*

Nr.	Berl. — Bonn $\Delta\alpha$	$\Delta\delta$	ΔEp.	Anz. Bonn
801	$+0^{s}.14$	$+0''.6$	$24^{a}.0$	1
806	−0.08	+1.1	23.1	1*
808	+0.19	−0.2	24.0	1
816	−0.04	0.0	16.2	3*
822	−0.11	−1.8	24.4	1
823	+0.18	+1.8	23.5	1
833	−0.05	0.0	21.9	1*
855	+0.12	−1.3	23.4	1*
862	+0.02	−1.6	15.3	1*
863	+0.24	−0.5	18.4	7*
864	+0.02	−1.6	14.8	1*
866	−0.11	−1.7	14.1	1*
871	−0.13	+0.4	17.2	2*
885	−0.15	+0.2	14.5	3*
901	−0.10	+1.2	22.7	2*
903	+0.06	−1.6	15.8	2*
		3^{h}		
915	−0.02	−2.3	15.2	2*
917	−0.07	−5.3	23.5	1
922	+0.09	−0.4	23.0	1*
923	−0.04	+0.3	23.1	1
931	−0.02	−2.7	24.2	1
938	+0.18	+0.5	24.7	1
947	+0.17	−0.5	23.0	1*
957	−0.13	+2.2	23.0	1*
959	−0.24	−0.9	22.4	1
963	−0.11	+0.8	23.0	1
965	+0.05	−1.5	15.2	2*
978	−0.34	−0.3	22.5	1
983	−0.12	−0.4	23.3	1
985	−0.06	−1.2	23.1	1*
988	+0.01	−0.8	20.8	2*
991	+0.04	−0.9	23.0	1
1037	−0.26	−2.8	23.1	1*
1049	+0.03	−0.4	21.7	1,1*
1054	+0.12	−3.9	23.4	1
1056	−0.04	−1.4	22.8	1
1068	−0.02	−0.7	23.6	1
1082	−0.13	−0.4	22.4	1
1093	+0.15	+1.6	23.1	1
1099	+0.07	−2.1	23.1	1*
1173	−0.04	−2.1	24.5	10*
1180	−0.13	−0.7	24.6	1
1181	−0.04	−0.9	23.7	1*
1185	−0.06	+0.1	23.8	1*
1189	−0.03	+2.6	22.1	1
1190	0.00	−3.1	24.2	1*
1198	−0.14	−0.6	24.9	1
1205	−0.06	−5.1	20.9	1*
1218	−0.03	−1.0	24.4	10*; 9*
1241	−0.03	−0.9	23.0	1
1247	+0.04	−1.3	23.0	1
1263	−0.14	+1.6	23.7	1
1287	−0.11	+3.0	24.6	1
1310	−0.03	−1.5	24.0	1
1321	−0.07	−0.2	22.8	1
1325	−0.07	+0.7	22.7	1
		4^{h}		
1342	−0.06	−2.7	15.8	1*
1357	+0.01	+0.8	22.7	1*
1359	+0.17	+1.4	22.4	1*
1366	+0.65	−9.7	22.1	1
1379	+0.30	−1.5	23.0	1
1387	−0.04	−2.0	16.6	2*
1416	−0.11	−1.9	20.4	1
1417	−0.05	−1.7	19.8	1*
1436	+0.61	+4.1	21.3	1

Nr.	Berl. — Bonn $\Delta\alpha$	$\Delta\delta$	ΔEp.	Anz. Bonn
1458	$+0^{s}.34$	$-0''.4$	$22^{a}.4$	1
1523	+0.19	−1.7	22.2	1*
1543	−0.01	−1.3	22.9	1
1550	+0.06	+0.9	21.5	1
1558	−0.15	−0.6	13.0	3*; 2*
1567	−0.08	+0.3	13.4	1*
1589	−0.17	+1.6	22.6	1
1614	+0.05	+1.0	22.6	1
1620	−0.29	+3.4	23.0	1
		5^{h}		
1644	+0.13	+1.9	22.5	1
1668	−0.13	−0.9	17.1	2*
1706	+0.09	+0.5	23.0	1
1719	−0.02	−0.8	20.3	1*
1731	+0.18	+2.3	22.4	2
1736	+0.24	−7.8	23.5	1
1746	+0.06	+1.3	23.2	1
1763	−0.09	−1.3	19.5	1
1775	+0.10	+2.0	22.1	1
1777	+0.03	−2.3	22.5	1
1778	−0.05	+2.4	23.0	1
1794	+0.02	+0.2	18.2	1,3*
1800	0.00	+3.9	21.9	1
1820	−0.22	−0.4	20.3	2*
1887	+0.03	−1.7	23.0	1
1889	−0.02	−2.8	19.0	1*
1914	−0.27	−0.2	22.5	1
1930	−0.06	+0.1	18.6	1,6*
1937	−0.01	−0.1	23.1	1
1955	+0.39	+1.8	23.1	1
1971	−0.03	−0.3	19.6	2*
1973	+0.04	+3.0	19.3 19.0	2,1*; 1*
2041	−0.04	+1.9	22.6	1
2069	−0.01	+2.1	19.2	1*
2095	+0.18	+0.3	22.4	1
2165	+0.02	−0.3	15.4 16.1	1,3*; 1,2*
2181	+0.11	−0.1	24.0	1
		6^{h}		
2217	+0.11	+0.9	19.4	1*
2219	+0.09	+2.8	23.7	1
2231	−0.15	+0.6	19.1	1*
2297	−0.25	+0.7	22.5	1*
2313	−0.12	−0.9	19.3	1*
2314	−0.03	−0.2	13.8	1*
2342	0.00	+1.4	21.2	1*
2343	−0.15	+0.5	24.0	1
2362	+0.13	+1.2	24.1	1
2378	−0.02	+0.7	23.5	1
2411	−0.14	−0.3	23.7	1
2418	−0.01	−0.1	23.0	1
2429	−0.03	+0.2	18.0	2
2430	−0.15	−1.0	19.0	2*
2436	+0.20	+1.0	22.8	1
2443	+0.03	+0.3	23.0	1
2446	−0.29	−0.4	22.6	1
2475	−0.18	+1.2	21.9	1*
2507	+0.05	−0.1	14.0	1*
2511	−0.12	−0.8	23.9	1*
2515	−0.10	+0.5	24.0	1
2526	+0.24	−5.6	22.8	1*
2558	+0.16	+0.9	24.6	1
2562	−0.06	+0.4	21.9	1*
2569	+0.03	−1.5	24.4	1
2580	+0.01	−2.0	22.1	1
2584	+0.22	+0.8	23.5	1
2593	−0.27	+0.7	23.5	1
2601	−0.04	+1.7	18.1	1*

Nr.	Berl. — Bonn $\Delta\alpha$	$\Delta\delta$	ΔEp.	Anz. Bonn
2602	$+0^{s}.15$	$+2''.1$	$23^{a}.3$	1
2607	+0.06	−0.5	23.0	1
2613	−0.14	+0.9	22.9	1*
2625	+0.20	−0.8	23.3	1
2629	−0.12	+1.4	24.0	1
2636	+0.08	−0.8	23.5	1
2642	−0.07	0.0	21.9	1
2646	−0.09	+1.1	24.1	1
2656	−0.05	+1.9	18.7	1,1*
2660	−0.14	−1.9	23.8	1*
2671	+0.14	−2.1	22.4	1
2672	+0.08	+1.3	22.9	1
2695	+0.06	−1.9	24.3	1
2700	−0.10	+1.7	22.0	1*
2704	+0.08	+1.1	24.3	1
2706	−0.10	−2.8	22.9	2,1*
2713	+0.24	+1.6	24.1	1
2714	−0.09	+0.2	22.4	1*
2726	+0.12	−0.1	22.0	1
2728	−0.06	−0.8	18.1	1*
2730	+0.10	+0.5	23.5	1
2746	−0.07	−0.3	24.4	1
2754	+0.18	+0.4	21.9	1
2764	+0.16	+0.9	24.1	1
2774	−0.08	+0.4	21.9	1*
2778	−0.01	+0.5	16.9	5
		7^{h}		
2786	+0.18	+0.8	23.6	1
2810	−0.06	−0.4	21.9	1*
2816	−0.09	−1.4	22.9	1*
2817	0.00	+2.7	22.6	1
2838	−0.29	−0.3	22.2	1
2866	−0.07	+0.5	22.6	1
2883	+0.43	−1.4	22.7	1
2894	−0.09	+0.6	25.1	1
2926	+0.06	−0.2	22.9	1
2942	+0.14	+3.5	22.6	1
2954	+0.03	+1.4	22.1	1
2968	−0.10	−0.4	18.0	1*
2969	−0.11	+0.7	21.0	2*
2970	−0.04	+1.0	22.7	1
2980	+0.03	+0.2	15.0	2*
3008	+0.21	+3.8	24.6	1
3018	−0.07	−0.1	22.5	1*
3040	−0.11	+0.5	22.2	1*
3043	+0.12	+1.0	23.4	1
3070	+0.15	+2.7	22.6	1
3074	−0.04	+0.5	21.8	1*
3080	+0.07	−0.2	17.0	4*
3084	−0.04	−0.5	21.9	1*
3091	+0.04	+1.6	22.7	1
3097	−0.06	−0.4	21.6	2*
3099	−0.05	+0.2	17.9	1*
3102	−0.02	+0.5	20.0	1*
3118	+0.21	−2.2	22.8	1
3127	+0.04	−2.2	20.9	1*
3129	−0.05	−0.4	22.0	1*
3130	+0.08	+0.3	23.0	1
3132	+0.03	−0.2	18.1	4*
3141	−0.11	−0.4	22.8	1*
3171	−0.01	−0.1	14.9	3*
3172	−0.03	+0.8	17.9	2*
3176	−0.14	+0.7	22.0	1
3186	+0.03	−0.7	18.0	2*
3187	+0.05	−0.7	15.5 13.5	2*; 1*
3200	+0.03	+0.7	22.0	1
3251	−0.06	0.0	21.9	1*
3260	+0.11	+1.6	23.1	1

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
		8h		
3272	+0.43	+30.4	22.0	1
3274	−0.04	+1.1	23.0	1
3295	−0.04	+1.6	22.6	1
3322	−0.01	−0.4	18.0	1*
3326	−0.12	−1.3	19.5	1*
3327	+0.31	−0.1	18.4	1
3341	−0.16	+4.4	21.0	1
3360	+0.17	+1.9	21.5	2
3363	+0.57	−2.4	22.0	2
3371	+0.05	−0.6	21.1	1
3387	−0.02	+1.1	22.3	1
3416	+0.15	+2.3	21.0	1
3431	+0.23	+1.6	22.0	1
3440	−0.12	−0.4	21.1	1
3452	−0.11	−1.3	18.6	1*
3455	+0.16	+0.7	22.6	1
3470	−0.11	+0.7	22.1	2
3475	−0.06	−1.6	23.9	5*
3481	−0.10	+5.5	21.9	1
3494	0.00	+1.3	22.2	1
3498	−0.03	+0.3	22.6	1
3502	−0.06	+0.5	23.7	7*; 8*
3530	+0.01	+4.9	23.5	1
3535	+0.07	+3.0	22.1	1
3536	−0.08	+3.1	22.1	1
3543	+0.03	+0.2	22.0	1
3572	+0.06	+1.3	22.5	1
3600	−0.01	−0.4	16.5	4*
3637	−0.09	−0.4	16.5	3*
3638	−0.07	−1.6	26.5	3*
3649	+0.07	−0.6	21.1	1*
3651	−0.10	+0.4	22.0	1*
		9h		
3684	+0.32	−0.1	22.1	1
3698	−0.02	+0.2	20.0	1,1*
3715	+0.13	+2.2	22.1	1
3724	+0.08	+2.7	21.2	1
3727	−0.13	−1.2	20.0	1*
3729	−0.22	0.0	19.8	1*
3733	−0.10	−0.2	17.0	3*
3740	−0.06	−1.0	19.9	1*
3747	−0.14	−2.7	17.5	8*
3767	−0.68	−1.1	22.0	1
3771	−0.09	−0.7	17.1	2*
3772	−0.08	−1.3	19.3	2*
3781	−0.20	−0.9	19.9	1*
3795	−0.09	−0.1	17.3	2*
3801	+0.03	+0.4	22.1	1
3811	+0.09	+1.2	22.0	1
3820	+0.03	+0.3	19.3	1,1*
3839	−0.09	−2.1	19.9	1*
3861	−0.05	−2.2	21.4	1*
3874	+0.19	+0.7	21.4	1
		10h		
3934	−0.11	−0.9	18.0	1*
3943	−0.14	−0.8	18.4	1*
3974	−0.02	−1.1	23.9	1*
3976	+0.03	−0.8	19.7	2*
3979	−0.16	+1.2	23.1	1
3981	−0.10	−1.5	19.5	2*
3989	+0.02	+0.5	21.1	1*
3991	−0.58	−2.3	18.7	1,4*
4015	−0.16	−0.5	23.5	1,1*; 1*
4018	−0.60	−1.6	24.0	1
4051	+0.05	−2.2	23.6	1
4075	+0.03	−1.4	13.0	2*
4083	−0.09	−0.1	18.1	2*
4085	+0.04	−2.7	23.1	1
4103	−0.99	−1.6	24.1	1
4121	+0.02	−3.2	23.0	1
4136	−0.27	−2.1	23.3	1
4150	+0.12	+0.7	17.7	1*
4154	−0.01	−2.0	23.2	1,1*
4161	−0.36	−0.6	21.3	1*
		11h		
4186	+0.03	−0.1	23.3	1*
4190	−0.19	−2.0	22.9	1*
4220	+0.05	+1.5	19.7	1,1*
4245	−0.17	0.0	24.0	1
4249	−0.66	+0.2	24.0	1
4264	−0.01	0.0	21.8	1*
4277	−0.24	−2.3	23.2	1
4287	−0.14	−0.6	20.0	1,1*
4288	−0.06	−0.6	18.0	1*
4300	−0.12	+1.2	23.0	1
4305	−0.10	−0.1	18.0 12.9	2*; 1*
4307	+0.12	−1.6	23.3	1
4308	−0.05	−1.5	13.4	1*
4331	+0.03	−2.0	24.1	1
4347	−0.15	−0.8	23.3	1
4359	−0.21	+0.6	23.0	1
4402	−0.13	−1.5	23.3	1
4411	−0.04	−0.8	20.2	1,1*
4418	−0.11	+0.2	23.4	2
4428	−0.56	−1.0	24.1	1
		12h		
4504	+0.04	−0.9	22.1	1
4527	−0.07	−1.5	16.1	1*
4531	+0.26	−1.3	22.1	1*
4534	+0.11	+1.8	22.1	1
4536	−0.01	−0.5	16.1	3*
4542	+0.19	+2.6	22.4	1
4559	+0.06	−1.2	17.0	2*
4574	−0.14	−4.0	22.0	1*
4577	+0.51	−9.2	22.4	1
4579	−0.05	−3.2	22.3	1*
4587	+0.01	+1.9	22.0	1
4594	−0.04	+0.9	22.4	1
4608	−0.01	+0.5	22.0	1*
4610	+0.08	+0.4	22.0	1
4621	−0.05	−0.1	22.1	1
4632	+0.24	+0.6	22.6	1
4688	0.00	+2.4	22.0	1
		13h		
4698	−0.39	+2.7	22.3	1
4704	+0.02	+1.3	22.3	1
4706	−0.06	−2.5	21.0	1*
4710	−0.04	+0.7	19.0	2*
4718	−0.13	+1.5	23.0	1
4720	+0.19	−0.2	23.1	1
4722	−0.01	−5.5	23.0	1
4746	−0.07	−2.3	21.5	1*
4759	−0.33	+0.2	22.4	1
4769	−0.13	+3.1	22.2	1
4779	−0.05	+0.9	22.2	1*
4796	+0.42	+3.6	22.4	1
4811	+0.01	+0.6	22.0	1
4853	−0.22	+0.6	22.2	1*
4865	+0.05	+1.3	21.0	1,1*
4872	−0.01	−0.2	22.0	1*
4889	+0.17	−1.4	20.0	1*
4897	+0.02	+0.5	19.9	3*
4903	−0.18	−0.7	21.9	1*
4907	+0.12	+0.3	21.1	1*
4917	−0.15	−0.1	19.0	1*
4919	+0.16	−0.9	23.0	3
4967	−0.08	−1.8	22.0	1
		14h		
5030	+0.01	+2.2	22.0	1
5060	−0.22	−2.2	22.6	1
5064	−0.09	+0.2	22.9	1
5071	+0.21	−12.9	22.3	1*
5074	−0.01	+1.3	23.0	1
5078	−0.13	+1.5	22.2	1
5082	−0.19	+2.1	22.6	1
5122	−0.03	+0.9	23.0	1
5155	−0.01	−0.9	22.3	1*
5160	−0.11	+1.3	22.5	1*
5162	−0.13	+0.9	23.0	1*
5172	+0.14	+16.4	18.0 14.0	4,1*; 1*
5175	−0.04	−0.6	21.0 20.3	2,1*; 1,1*
5176	−0.04	+2.7	23.0	3; 2
5200	−0.04	+2.6	23.1	1
5215	+0.07	+0.7	22.0	1
		15h		
5238	−0.01	−0.5	21.9	1*
5262	+0.03	−0.3	22.4	1
5278	+0.03	+0.5	21.9	1
5293	−0.23	−1.5	23.1	1
5322	−0.01	+2.1	22.3	1
5324	+0.06	0.0	23.0	1
5367	+0.02	+1.5	21.9	1
5373	+0.03	−0.9	21.9	1*
5436	−0.12	−1.0	21.9	1
5464	−0.08	+0.7	23.0	1
5465	+0.05	−1.1	24.8 22.3	2; 1
5476	+0.21	−0.3	27.5	1
5477	−0.13	−1.2	22.5	1*
5487	−0.05	−1.7	22.3 22.0	1,1*; 1*
5488	−0.04	−2.7	23.3	1
		16h		
5552	+0.04	−4.0	23.0	1
5562	−0.03	−1.4	22.9	1
5604	−0.20	+0.9	23.3	1
5615	−0.10	+0.7	22.0	1*
5626	−0.14	−3.4	18.5	2*
5628	−0.28	+2.7	23.0	1*
5650	+0.05	+0.8	23.0	1*
5709	+0.24	+0.6	23.0	1
5717	−0.36	−1.1	15.9	2*
5728	−0.07	+1.3	24.0	1
5743	+0.07	−0.9	24.0	1
5808	−0.30	+1.6	24.0	1
5814	+0.09	−2.0	23.5	1
5830	−0.14	−3.3	23.1	1*
		17h		
5852	−0.08	−2.9	23.0	1
5867	−0.09	+0.2	22.8	1*
5872	−0.04	−1.2	22.1	1*
5877	+0.33	+3.9	23.1	1
5890	−0.17	−0.5	23.1	1
5897	−0.07	−1.0	22.9	1
5905	−0.13	−0.8	23.9	1
5925	−0.01	+1.8	24.0	1
5931	+0.11	−0.7	22.1	1*
5951	+0.07	−3.4	23.1	1
5957	+0.40	−0.2	19.1	1

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
5958	+0^{s}.09	− 4$''$.7	19^{a}.1	1
5962	−0.07	− 0.9	20.9	1*
5971	+0.18	− 1.7	23.8	1
5978	+0.08	+ 3.8	23.8	1
6024	−0.13	+ 0.3	24.0	1
6033	+0.10	− 0.8	24.0	1
6047	−0.07	− 0.6	23.4	2,1*; 1,1*
6049	−0.25	− 1.4	19.0	1*
6050	+0.01	− 2.7	23.8	1
6053	+0.04	− 0.8	23.0	1*
6067	−0.02	− 0.9	22.0	1*
6083	−0.04	− 0.5	23.0	1
6124	−0.04	− 1.5	23.9	1
6137	+0.01	− 1.9	22.0	16*
6144	−0.18	− 3.2	23.0	1
6170	−0.04	− 0.9	22.3	1*
6181	−0.15	− 0.6	22.8	1
6183	+0.29	− 1.0	23.9	1
6207	−0.22	+ 0.2	23.9	1
6210	−0.12	− 0.5	22.0	1*
6228	−0.06	0.0	19.6	1*
6250	+0.03	+ 0.6	23.3	1
6251	+0.02	− 3.1	24.0	1
6259	−0.03	+ 0.2	23.9	1
6262	−0.09	− 0.7	24.2	2
6263	0.00	+ 0.1	22.0	1
6264	−0.30	− 2.5	23.2	1
6289	+0.06	− 1.4	23.0	1
		18^{h}		
6294	+0.06	− 2.0	23.9	1
6328	−0.01	− 1.7	23.4	1
6333	+0.08	+ 1.4	23.0	1
6335	−0.11	− 1.3	23.8	1*
6338	0.00	− 1.3	22.9	1
6341	−0.04	+ 0.2	23.0	1
6384	−0.10	+ 0.1	14.1	1*
6389	+0.22	− 1.1	21.9	1
6390	+0.04	+ 3.1	22.1	1
6392	+0.11	− 1.1	22.1	1
6404	−0.03	+ 0.3	22.5	1
6414	−0.03	− 1.4	22.0	1*
6434	−0.06	− 1.2	23.0	1
6442	−0.04	− 2.1	23.2	1
6445	−0.03	− 1.5	22.0	1
6461	+0.18	+ 2.7	22.2	1
6467	+0.05	− 3.1	21.8	1
6468	+0.20	− 1.7	23.1	1
6475	−0.11	+ 1.7	22.0	1
6476	+0.09	+ 1.4	23.1	1
6482	+0.11	− 1.8	23.0	1
6484	+0.29	+ 3.8	22.1	1
6506	−0.01	− 1.2	23.1	1
6510	−0.18	+ 0.8	22.1	1
6519	+0.09	+ 1.9	22.2	1
6530	−0.05	−61.4	23.0	1*
6531	−0.07	− 2.2	21.8	1*
6544	−0.07	− 0.4	22.1	1
6545	−0.01	− 2.1	23.0	2*
6557	+0.13	+ 0.3	23.0	1
6559	−0.09	+ 4.0	22.1	1
6574	+0.02	+ 0.3	22.3	1
6578	−0.02	− 7.4	21.8	1,1*; 1*
6592	−0.13	+ 2.9	23.0	1
6627	−0.25	− 2.0	22.9	1
6642	−0.19	− 2.4	23.0	1
6647	−0.03	+ 2.4	22.9	1*
6657	+0.09	+ 0.4	24.1	1
6658	+0.07	+ 1.1	23.3	1
6668	+0^{s}.01	− 1$''$.5	21^{a}.2	3*
6690	−0.05	− 1.0	22.1	1
6697	−0.09	+ 0.2	23.2	1
6698	0.00	+ 1.8	23.4	1
6700	+0.04	+ 3.3	23.2	1
6736	−0.09	+ 2.4	22.5	1
6745	0.00	− 2.2	22.0	1
6751	−0.18	+ 1.6	22.1	1
6753	−0.07	− 2.5	22.6	1
6767	+0.19	+ 0.4	23.0	1
6769	+0.22	+ 4.5	23.1	1*
6774	0.00	+ 4.3	23.1	1
6780	−0.24	+ 6.0	23.0	1
6793	0.00	− 2.2	17.5	1,3*; 3*
6794	+0.03	0.0	22.1	2
6816	−0.19	+ 3.2	23.0	1
6821	−0.16	− 3.4	21.8	1*
6825	−0.04	− 1.4	22.7	1*
		19^{h}		
6868	−0.11	− 2.4	19.9	1*
6870	−0.18	− 3.3	22.1	1*
6873	0.00	− 0.4	14.0	4*; 3*,1
6881	−0.09	− 0.1	22.1	1*
6889	−0.06	+ 6.8	22.1	1
6898	+0.01	0.0	18.9	1*
6935	−0.03	+ 0.1	20.1	1,1*
6952	−0.15	− 4.0	23.0	1
6959	−0.06	− 1.2	18.7	1*
6960	+0.05	0.0	19.0	1*
6970	+0.10	− 0.9	22.6	1
6996	−0.03	+ 2.8	23.1	1
6998	−0.07	− 0.9	14.9	1
6999	−0.11	− 3.1	14.9	1
7034	−0.06	− 1.5	19.4	1*
7048	−0.16	− 2.0	22.1	1*
7050	−0.20	− 0.8	22.6	1
7060	+0.23	+ 1.1	22.1	2
7092	−0.06	+ 2.0	19.7	1*
7099	+0.04	− 2.7	22.1	1
7103	−0.01	− 1.4	22.7	1
7107	+0.08	− 1.2	22.0	3
7126	+0.03	− 1.0	25.2	1,1*
7141	+0.07	− 1.3	15.6	2*
7152	−0.43	− 3.3	23.5	1
7154	+0.21	− 0.7	23.6	1
7158	+0.18	− 4.2	23.1	1
7175	+0.09	+ 0.7	19.1	1*
7189	−0.05	+ 0.8	21.0	1,1*
7201	−0.14	− 0.2	23.1	1*
7204	−0.06	+ 0.4	23.2	1
7214	+0.35	− 0.1	22.5	1
7222	−0.27	+ 1.6	24.1	1
7224	+0.02	+ 1.3	23.2	1
7228	−0.02	− 1.5	23.6	1
7277	−0.09	− 2.0	18.0	1*
7293	−0.10	− 2.9	22.1	1
7294	+0.10	+ 1.2	22.5	1*
7295	−0.03	− 2.0	18.9	1*
7305	+0.04	+ 0.1	22.5	1
7324	−0.02	− 1.5	19.4	1*
7338	−0.05	− 1.5	22.3	1
7355	+0.07	− 1.3	19.2	1*
7383	−0.07	+ 1.1	23.7	1
7419	−0.15	− 5.6	19.1	3*
7420	−0.17	− 2.7	23.1	1
7421	0.00	− 0.9	21.2	1*
7439	−0.14	− 1.4	19.4	1,1*
7450	−1.50	−17.7	18.9	14*
		20^{h}		
7474	+0^{s}.05	− 0$''$.9	23^{a}.3	1
7481	−0.11	− 0.7	23.4	1,1*
7502	+0.04	− 0.6	22.6	1,1*
7534	+0.06	− 0.3	24.4	1
7538	−0.09	− 2.8	23.4	1
7553	−0.09	+ 1.0	21.3	1*
7561	+0.09	− 4.0	22.9	1
7564	−0.17	− 3.2	22.9	1
7582	−0.16	− 1.0	23.8	1*
7583	+0.05	− 1.8	23.0	1
7585	−0.02	+ 0.3	24.1	1
7586	−0.03	− 0.4	24.0	1
7589	−0.06	− 1.4	21.5	7*
7592	−0.10	− 0.5	23.1	1*
7597	−0.13	− 1.3	24.0	1*
7610	−0.16	− 1.1	23.8	1*
7631	−0.14	− 2.6	24.6	1
7663	+0.03	− 0.9	24.5	1
7671	−0.15	− 2.7	23.4	1*
7677	+0.05	− 2.4	23.8	1
7684	−0.12	− 0.8	24.0	1*
7698	+0.01	− 0.7	23.8	1*
7796	+0.03	− 0.2	21.8	2*
7819	−0.12	− 1.3	22.9	1
7860	+0.08	0.0	21.2	1,1*
7868	−0.01	− 1.3	19.5	1,1*; 1*
7870	+0.03	− 0.3	18.9	1,1*; 1*
7896	−0.03	− 0.4	19.2	2*
7911	−0.03	− 1.5	25.0	1
7926	−0.05	+ 0.2	24.5	1
7932	+0.01	− 5.1	25.0	1
7942	−0.06	− 0.8	23.1	1,2*
7953	−1.12	− 1.6	23.5	1
7985	−0.10	+ 4.0	23.0	1
8010	0.00	− 1.7	24.1	1
8011	+0.09	− 0.7	23.7	1
8032	+0.07	− 2.4	23.6	1
8033	−0.04	− 2.6	24.0	1
8034	+0.27	− 4.8	24.1	1
8069	−0.17	− 2.3	23.8	1
8075	−0.10	− 1.3	17.2	10*
8078	−0.21	− 0.5	19.0	1,2*
8086	−0.03	+ 0.2	19.7	1*
		21^{h}		
8089	+0.01	− 1.3	23.6	1,1*
8105	+0.12	− 2.4	23.8	1
8115	−0.15	− 0.4	23.0	1
8122	0.00	− 0.8	23.9	1
8147	−0.15	+ 1.9	23.3	1
8180	−0.01	− 0.9	18.9	1*
8194	−0.06	+ 0.3	24.0	1*
8200	−0.14	− 0.4	22.6	1
8205	+0.16	− 1.7	22.9	1
8207	+0.09	− 0.6	24.6	1
8209	+0.05	+ 1.6	24.1	1
8214	−0.14	− 0.1	22.9	1
8261	+0.06	− 1.1	23.9	1
8279	−0.23	− 5.4	24.3	1
8300	−0.03	− 0.4	22.3	1*
8302	−0.07	− 3.3	24.5	1
8304	−0.12	−12.6	24.3 24.9	2; 1
8311	+0.04	− 3.0	23.0	1
8317	+0.42	− 2.7	22.2	1
8322	+0.02	− 1.0	22.7	1
8331	−0.02	− 1.5	24.2	1
8337	−0.05	− 1.8	23.5	1
8360	−0.14	+ 0.9	24.6	1

Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn	Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn	Nr.	Berl. — Bonn Δα	Δδ	ΔEp.	Anz. Bonn
8367	$-0^{s}.03$	$+0''.4$	$23^{a}.2$	1*	8638	$-0^{s}.11$	$+0''.4$	$15^{a}.5$	2*	8843	$-0^{s}.03$	$-4''.5$	$22^{a}.0$	1
8371	−0.05	−3.1	24.6	1	8673	+0.02	−1.5	21.9	1	8848	+0.04	−2.3	16.0	1*
8380	−0.05	−1.0	18.9	1*	8698	+0.01	+1.0	22.3	1*					
8396	−0.08	−0.7	19.5	1*	8702	−0.02	−0.7	18.8	2*			23^{h}		
8414	−0.04	+1.3	19.4	1*	8705	+0.13	−2.6	22.1	1	8872	0.00	−1.8	14.6	1*
8420	+0.05	−0.1	23.9	1	8712	+0.03	+1.2	15.8	2*	8889	+0.09	−2.3	21.4	1*
8421	−0.12	−1.5	23.5	2; 1	8714	−0.10	−0.4	15.9	2*	8925	−0.02	−2.5	21.2	1
8423	−0.12	−2.7	22.9	2; 1	8717	−0.05	−0.8	20.6 21.0	2*	8938	−0.02	−2.9	23.1	1
8432	−0.52	−4.3	22.8	1	8723	−0.01	−1.0	23.0	1	8940	−0.08	−3.4	22.0 22.6	1
8441	−0.12	−3.3	23.0	1	8730	+0.04	−1.9	22.3	1*	8943	+0.08	−2.3	22.9	1
8456	−0.02	−0.7	23.9	1	8733	+0.02	−1.9	23.0	1*	8954	+0.08	+0.7	22.1	1
8462	+0.03	−0.6	18.8	1*	8746	−0.05	−1.7	23.3	1	8990	−0.11	−0.9	22.7	1
8469	−0.10	−1.3	23.5	1	8758	+0.20	−0.3	22.9	2	9000	+0.02	+0.3	19.7	1*
8492	−0.02	−1.7	24.5	1	8773	+0.12	−2.2	22.4	1	9013	+0.15	−5.2	22.9	1
8508	−0.15	−1.9	23.3	1	8792	+0.06	−1.0	20.9	1,1*	9017	+0.01	−2.7	22.9	1
8509	−0.10	−2.5	23.0	1	8795	+0.17	−4.7	22.0	1	9022	−0.12	+1.5	23.4	1
					8799	−0.01	−1.0	19.3	1*	9141	+0.29	−2.1	22.7	1
		22^{h}			8801	0.00	−1.3	19.6	1*	9142	+0.30	−0.5	23.0	1
8519	−0.09	−4.1	23.4	2; 1	8810	−0.03	−1.2	22.1	1	9145	−0.01	−2.2	21.8	1*
8538	−0.07	−2.0	24.0	1	8811	0.00	+0.7	20.3 20.7	1*; 1,1*	9146	−0.04	−2.0	18.9	1*
8566	−0.07	−0.1	20.5	1,1*	8822	+0.11	+0.2	20.0 18.9	1,1*; 1*	9148	−0.03	−1.8	22.3	2; 1
8600	−0.10	−0.5	15.9	2*	8824	−0.04	−4.3	22.5	1	9151	+0.01	−2.3	22.9	1
8605	+0.07	−2.3	23.1	1	8827	+0.14	−1.4	22.1	1	9181	0.00	−2.6	22.7	1
8618	−0.03	−3.4	22.0	1	8833	+0.20	−4.4	22.4	1					
8621	−0.06	−0.9	18.4	1*	8842	0.00	−1.1	20.4	1					

Die Bonner Declinationen sind auf das Mittel der beiden Lagen des Instruments reducirt und vor 1859 zur Reduction auf Wolfers um $-0''.4$ verbessert worden (vergl. B.B. VI. pag. IX, XIV). Den vollständigen Beobachtungen wurde doppeltes Gewicht gegeben. Mit Berücksichtigung der bekannten Eigenbewegungen und im übrigen mit Ausschluss aller Unterschiede, die $0^{s}.30$ bez. $4''.0$ überschreiten, ergeben sich die Mittelwerthe für die einzelnen Stunden:

RA.	Berl. — B. VI		Anz.	RA.	Berl. — B. VI		Anz.	RA.	Berl. — B. VI		Anz.
$0^{h}.40$	$+0^{s}.038$	$-0''.80$	23	$8^{h}.54$	$+0^{s}.008$	$+0''.42$	25	$16^{h}.55$	$-0^{s}.059$	$-0''.49$	13
1.50	+0.024	−0.75	17	9.42	−0.037	−0.19	19	17.57	−0.036	−0.89	37
2.54	+0.004	−0.28	30	10.49	−0.037	−1.14	18	18.50	−0.008	−0.04	51
3.45	−0.026	−0.49	37	11.51	−0.083	−0.52	16	19.51	−0.030	−0.76	45
4.52	−0.001	−0.11	16	12.56	+0.034	−0.23	15	20.45	−0.046	−1.05	40
5.52	−0.002	+0.36	24	13.45	−0.023	+0.02	19	21.53	−0.039	−1.00	34
6.60	−0.007	+0.25	55	14.53	−0.069	+0.91	14	22.59	+0.010	−1.03	29
7.52	−0.006	+0.39	40	15.56	−0.016	−0.43	15	23.48	+0.025	−1.66	18

und hieraus nach graphischer Ausgleichung die Reduction:

$0^{h}.0$	$+0^{s}.03$	$-1''.1$	$6^{h}.0$	$-0^{s}.01$	$+0''.2$	$12^{h}.0$	$-0^{s}.02$	$-0''.4$	$18^{h}.0$	$-0^{s}.03$	$-0''.5$
1.0	+0.03	−0.9	7.0	−0.01	+0.3	13.0	−0.02	0.0	19.0	−0.03	−0.6
2.0	+0.02	−0.6	8.0	−0.01	+0.3	14.0	−0.03	+0.2	20.0	−0.03	−0.8
3.0	0.00	−0.3	9.0	−0.02	0.0	15.0	−0.04	+0.1	21.0	−0.03	−1.0
4.0	−0.01	−0.1	10.0	−0.03	−0.5	16.0	−0.04	−0.3	22.0	−0.02	−1.1
5.0	−0.01	+0.1	11.0	−0.04	−0.6	17.0	−0.04	−0.5	23.0	+0.01	−1.2

Yarnall's Catalog (3. Ausgabe).

Nr.	Berl. — Yarn. Δα	Δδ	ΔEp.	Anz. Y.	Nr.	Berl. — Yarn. Δα	Δδ	ΔEp.	Anz. Y.	Nr.	Berl. — Yarn. Δα	Δδ	ΔEp.	Anz. Y.
		0^{h}			586	$-0^{s}.10$	$+0''.8$	$18^{a}.8$ $12^{a}.3$	3	768	$+0^{s}.08$	$-0''.6$	$14^{a}.1$ $15^{a}.1$	2
198	$-0^{s}.06$	$-1''.4$	$10^{a}.7$ $17^{a}.6$	4, 2	587	−0.07	−0.9	11.7 12.1	2, 3	786	+0.09	−0.2	21.0 26.0	2
241	+0.19	+0.3	12.5 11.1	3	597	+0.24	−0.9	26.8 9.7	5, 3	787	+0.22	0.0	12.9 20.0	3
292	−0.03	+0.4	35.6 11.0	4, 3			2^{h}			788	+0.21	+0.4	14.0 20.1	3
		1^{h}								807	−0.08	−1.8	14.2 15.1	2
					661	+0.23	−1.1	25.1 13.1	3, 3	809	+0.06	−0.8	12.8 24.9	2
361	+0.11	0.0	19.3 12.9	4, 2	738	+0.06	−0.1	18.8 22.3	4, 5	815	+0.06	−1.6	22.2 26.5	2, 3
545	−0.11	+0.3	13.9 11.6	4, 2	739	+0.09	−2.3	18.7 21.8	3, 4	820	+0.07	−1.7	19.8 22.3	4
575	−0.02	+0.4	5.5 11.5	2, 4	752	+0.12	−2.7	15.1 11.5	3, 2	837	−0.02	0.0	12.4 6.6	3

Nr.	Berl. — Yarn. $\Delta\alpha$	$\Delta\delta$	ΔEp.		Anz. Y.
838	$+0^s.14$	$-0''.5$	$21^y.8$	$22^y.7$	4
842	+0.04	−1.6	10.3	19.9	6, 2
857	+0.06	+0.3	16.0	26.9	3
863	+0.31	+0.9	16.0	9.5	2, 4
869	+0.01	−0.3	19.4	15.1	18, 4
889	+0.21	−1.4	20.1	21.0	4, 3
			3^h		
950	−0.02	−1.4	14.3	13.2	48, 4
958	+0.14	−0.7	19.1	21.5	3
974	−0.01	−3.8	19.0	7.7	1, 3
975	+0.05	−1.0	5.2	2.2	3, 2
982	−0.03	−1.3	13.9	15.8	3, 2
988	+0.07	−0.8	16.3	12.1	2
992	+0.08	−0.7	20.6	15.3	7, 4
995	+0.09	−2.0	15.4	18.9	2
1000	−0.07	−2.2	12.5	16.5	2
1005	+0.08	−2.2	28.3	23.7	4, 3
1008	−0.01	−0.7	10.5	11.1	4, 3
1011	0.00	+3.5	20.0	18.3	2
1024	0.00	−1.2	5.0	11.2	4, 3
1057	+0.02	−0.5	9.8	13.8	4, 2
1071	−0.01	−1.0	20.0	10.6	14, 3
1092	+0.02	−0.1	19.4	15.5	7, 3
1107	+0.10	−1.7	10.9	14.5	4, 2
1115	−0.04	−3.7	14.8	15.6	7
1119	0.00	−0.6	11.9	15.9	7, 4
1126	+0.02	−3.6	5.0	13.9	1, 2
1128	+0.04	−2.3	8.5	12.4	4, 2
1129	+0.01	−0.2	9.0	12.2	4, 3
1134	+0.13	−2.2	14.3	16.0	3, 5
1142	+0.04	−0.7	13.8	14.1	3
1144	+0.12	−1.7	14.9	16.6	3, 4
1145	+0.02	−1.7	9.0	9.9	6, 4
1147	+0.06	−0.7	8.6	8.4	5, 4
1149	+0.13	−0.9	15.5	17.0	6, 2
1151	+0.19	−0.7	16.2	14.9	6, 2
1152	+0.04	−0.4	14.4	17.1	4, 9
1153	+0.12	−0.9	13.9	11.3	5, 3
1154	+0.06	−1.5	3.8	4.2	5, 3
1160	+0.09	−0.1	10.5	11.4	4
1161	−0.01	−1.6	15.5	15.5	3
1162	+0.11	+2.2	12.9	16.9	3, 1
1164	+0.08	−3.9	14.7	12.3	3
1166	−0.05	+3.1	7.0	13.5	3, 2
1167	+0.05	−2.1	14.9	9.8	4, 1
1168	+0.07	−2.8	17.3	25.5	28, 14
1169	−0.43	—	4.6	—	1
1170	+0.05	−0.6	5.2	13.8	2, 1
1172	+0.46	—	5.4	—	1
1174	+0.12	+1.3	5.9	13.4	3, 2
1176	−0.09	−0.1	11.2	6.6	1, 2
1178	+0.13	—	5.4	—	1
1183	—	−1.3	—	5.1	3
1187	+0.06	−0.3	15.7	22.6	8, 4
1196	+0.09	−2.4	15.2	11.7	19, 8
1197	+0.11	—	16.3	—	1
1201	−0.03	+1.6	21.0	13.4	1, 2
1202	−0.16	−0.1	15.9	12.1	1, 4
1203	−0.06	0.0	10.9	14.0	6, 3
1210	+0.07	−2.4	15.1	8.1	1
1212	+0.10	−2.3	16.4	12.4	2, 1
1221	+0.11	−0.9	16.9	16.6	5, 8
1244	+0.04	−42.5	14.5	13.5	2
1251	+0.08	−2.6	12.5	12.4	3, 2
1254	+0.06	−4.3	9.5	13.9	4, 3
1261	+0.11	−1.2	10.7	13.5	4, 2
1272	+0.09	−0.5	11.6	12.6	2
1314	+0.12	−1.5	16.7	16.5	21, 4

Nr.	Berl. — Yarn. $\Delta\alpha$	$\Delta\delta$	ΔEp.		Anz. Y.
1317	$+0^s.04$	$-0''.8$	$20^y.3$	$26^y.2$	3, 2
1319	+0.07	−1.7	7.9	12.3	8, 3
1320	+0.02	−1.1	4.3	5.8	6, 3
1331	+0.10	−0.6	18.2	13.1	3, 2
			4^h		
1332	+0.08	−2.4	16.5		4, 5
1369	+0.11	−2.4	14.6	18.7	2
1370	+0.22	+1.1	20.9	21.2	2, 3
1371	+0.03	−1.1	12.1	4.1	2
1377	−0.10	−1.4	19.2	16.8	10, 3
1378	+0.13	+0.3	11.2	13.1	2
1379	+0.02	−3.7	13.6	12.9	3, 2
1386	+0.15	+0.2	11.2	6.5	5, 2
1391	+0.08	−1.4	19.2	24.7	5, 2
1418	+0.02	−1.8	21.2	20.4	3, 5
1419	+0.25	−1.3	21.4	24.8	2, 3
1429	+0.11	+0.4	20.3	12.1	8, 2
1439	+0.02	−0.7	11.5	18.5	2
1455	−0.04	−1.0	16.1	15.0	5, 2
1458	+0.07	−1.1	22.3	18.9	2
1462	+0.06	−1.3	16.1	18.1	2
1468	+0.11	−1.7	19.3	18.7	3, 2
1475	+0.05	−0.2	18.0	13.5	2
1480	+0.07	−1.5	21.1	24.5	2
1491	+0.02	−2.8	18.3	18.9	5, 4
1494	+0.19	−4.2	18.8	21.4	5, 6
1495	+0.07	−0.9	18.5	13.5	5, 2
1500	+0.10	−0.1	17.4	14.5	2
1507	+0.02	−0.5	14.9	14.0	2
1513	−0.02	−0.4	22.0	26.9	2, 5
1528	+0.11	+0.4	11.5	19.3	2, 4
1532	+0.17	+0.6	14.0	13.0	2
1552	+0.07	−1.3	15.9	18.0	3, 2
1574	+0.07	−0.3	9.2	27.1	5, 3
1581	−0.01	−0.6	21.3	20.0	3
1587	+0.02	−2.0	17.2	11.7	2
1592	+0.09	−1.3	20.3	20.3	4, 6
1596	+0.03	−2.2	20.3	19.7	5, 4
1627	+0.03	0.0	13.5	11.9	2
1628	+0.02	−0.8	20.9	26.4	2, 3
1633	+0.11	+0.3	20.9	26.3	2
			5^h		
1643	+0.01	−2.4	15.2	13.2	2
1645	+0.08	+0.7	22.8	11.3	3
1701	+0.06	−2.5	20.2	23.8	9, 5
1734	+0.04	−1.5	16.8	17.0	3, 2
1749	−0.05	−0.1	22.9	13.1	3, 2
1759	+0.06	—	4.3	—	2
1767	+0.01	−0.2	21.2	27.2	2, 3
1801	+0.07	+1.5	19.5	19.2	2, 4
1804	−0.01	+1.0	13.7	11.0	4, 3
1805	−0.11	—	14.3	—	1
1818	−0.08	−1.3	16.4	12.5	4, 2
1872	+0.01	−0.1	11.7	14.1	2
1983	−0.09	−2.3	16.9	13.9	3, 2
1991	−0.03	−0.1	15.2	13.2	2
2024	+0.01	−1.1	9.1	14.6	3, 2
2030	−0.01	+1.0	17.8	19.9	7, 5
2042	−0.29	−1.9	19.4	24.6	17, 8
2073	+0.08	−3.4	20.5	23.5	2, 2
2078	+0.05	−1.6	12.2	13.8	2, 3
2103	−0.13	−1.5	16.6	11.1	2
2106	+0.07	−0.3	20.0	10.5	1, 2
2111	+0.01	+0.4	17.2	13.6	2
2112	−0.09	−0.1	15.5	13.4	2
2150	+0.02	−0.7	19.1	20.3	5, 4
2151	−0.04	−2.7	21.0	20.4	8, 4
2175	−0.11	+0.9	7.5	16.8	8, 3

Nr.	Berl. — Yarn. $\Delta\alpha$	$\Delta\delta$	ΔEp.		Anz. Y.
			6^h		
2187	$-0^s.09$	—	$4^y.0$	—	2
2216	0.00	$+0''.1$	21.8	$24^y.0$	4, 2
2246	−0.05	+1.6	14.2	13.2	2
2319	+0.01	+1.3	8.2	11.0	6, 5
2324	+0.05	+1.8	21.3	15.5	3, 2
2325	+0.03	+0.8	20.6	14.0	3, 2
2329	—	+0.5	—	15.3	1
2398	+0.07	−0.6	14.0	23.3	2
2412	+0.01	−0.5	16.2	15.2	2
2414	−0.02	+0.9	18.7	14.0	9, 2
2422	+0.15	−1.4	21.3	24.3	2
2463	+0.02	−1.3	12.2	18.2	3, 2
2472	−0.02	−0.1	11.8	24.3	3
2478	−0.07	+0.9	12.1	24.6	3
2479	+0.01	+1.2	13.0	19.5	3, 2
2503	+0.13	+2.3	9.5	17.6	2, 3
2510	−0.01	−0.6	16.9	19.4	7
2516	−0.03	−1.3	16.6	23.0	5, 3
2555	−0.30	—	16.0	—	1
2576	−0.35	—	17.3	—	1
2585	−0.19	+0.6	14.3	13.2	2
2587	+0.01	+0.7	15.9	15.0	3
2721	+0.08	−1.3	18.2	20.5	3, 4
2735	−0.06	+0.7	18.8	15.8	7, 4
2752	0.00	−1.8	11.9	14.9	2
2759	−0.04	−1.8	12.4	20.6	7, 8
2766	−0.03	−1.8	7.8	12.1	3, 2
			7^h		
2810	+0.01	−0.8	16.2	14.9	12, 2
2825	+0.05	+1.2	17.6	14.9	5, 2
2826	+0.06	−0.7	17.6	14.4	2, 3
2830	−0.09	−0.5	15.3	11.8	2
2842	−0.03	+0.2	19.2	9.7	2
2890	−0.04	−0.5	14.9	5.5	2
2945	−0.45	−1.0	17.3	13.4	2
2953	−0.16	−0.7	17.8	12.2	3, 2
2988	−0.07	−0.8	6.5	10.0	2, 1
2999	+0.01	−1.5	20.7	25.1	2
3037	+0.02	−0.8	3.5	5.2	7, 4
3043	+0.04	+0.4	15.7	25.3	5, 2
3056	+0.11	−0.9	13.0	11.4	2
3065	−0.04	−0.9	12.3	24.9	2, 3
3076	+0.02	+0.3	17.1	10.0	1, 2
3083	−0.06	+1.0	13.4	10.5	4, 2
3085	−0.08	+0.4	18.9	14.5	2
3111	−0.01	−0.5	15.8	12.4	4, 2
3122	−0.04	+0.1	15.9	11.9	5, 2
3161	−0.18	−1.9	11.6	24.6	1, 2
3166	−0.06	+0.2	15.0	13.1	5, 2
3177	−0.02	−1.1	20.4	18.0	3, 4
3188	−0.01	+0.2	11.6	13.2	2, 3
3194	−0.03	−0.7	13.6	23.5	2, 3
3242	+0.01	+0.5	12.0	18.1	2
3258	−0.04	+2.6	19.8	14.9	2
3262	−0.14	−2.5	9.8	13.2	2
			8^h		
3268	+0.04	−0.3	17.5	12.5	2, 3
3290	−0.05	−1.3	15.6	15.6	2
3332	−0.04	+1.1	11.9	23.8	2
3333	0.00	−0.5	15.2	13.8	5, 2
3343	+0.11	−1.7	21.4	23.5	7, 9
3344	−0.03	+0.6	21.1	17.7	7, 2
3351	0.00	+0.4	11.8	24.7	2
3357	+0.08	+0.3	14.9	21.1	2, 3
3369	−0.10	+1.8	12.8	24.7	2
3375	−0.04	+0.6	11.0	18.0	2

Nr.	Berl. — Yarn. Δα	Δδ	ΔEp.		Anz. Y.
3381	$-0^{s}.04$	$-1''.6$	$20^{a}.1$	$23^{a}.7$	6, 4
3382	−0.02	−1.0	19.7	12.2	4, 2
3393	+0.08	−1.1	14.6	13.0	2
3396	−0.06	−0.2	20.6	25.6	3, 2
3408	−0.14	+0.9	14.2	9.9	3, 2
3436	−0.11	+0.1	7.7	14.7	3
3440	−0.06	−0.6	14.9	13.0	4, 2
3442	—	+1.0	—	23.9	2
3449	−0.10	−1.8	4.5	18.0	3, 2
3452	—	+3.1	—	14.5	2
3453	−0.05	+0.7	13.3	13.9	4, 6
3454	−0.03	−2.5	13.5	13.6	7, 3
3457	−0.05	+1.5	11.8	13.0	2, 3
3459	−0.12	−0.1	13.0	16.0	3, 4
3461	0.00	−2.7	14.6	15.4	5, 2
3464	−0.04	−0.3	15.3	14.3	2
3465	−0.06	−0.6	12.8	15.5	4, 2
3469	0.00	+1.1	15.1	15.0	5, 4
3470	−0.04	−0.2	14.3	16.0	4, 2
3471	+0.09	—	16.6	—	1
3474	−0.06	−0.8	12.6	13.8	4, 2
3475	−0.11	−0.3	8.4	14.5	2, 4
3476	−0.01	+0.9	12.5	15.0	5, 4
3478	−0.03	+0.7	13.2	13.7	5, 3
3479	−0.06	+2.1	10.0	13.1	5, 2
3480	−0.02	−0.4	13.5	14.1	4, 3
3482	−0.06	—	11.0	—	1
3484	−0.06	−1.3	15.6	16.5	8, 2
3485	−0.07	−0.9	16.1	18.3	5, 3
3486	−0.05	−0.6	14.3	15.8	3, 2
3488	−0.01	−2.3	11.7	14.0	3, 2
3490	+0.01	+1.4	13.1	16.3	4
3491	—	−1.7	—	15.6	1
3493	−0.11	0.0	10.0	14.9	6, 1
3495	−0.03	−0.2	14.1	14.1	4, 2
3497	−0.06	+0.6	13.0	14.3	5, 3
3500	+0.02	+0.7	14.1	14.9	7, 5
3503	−0.04	+2.4	14.7	15.4	6, 2
3505	−0.03	+1.1	14.0	14.5	5, 3
3510	−0.04	+0.3	14.8	16.2	6, 3
3511	−0.11	−0.3	11.0	11.3	6, 3
3513	−0.08	+0.3	13.2	12.0	5, 1
3516	−0.15	+0.2	19.8	16.4	18, 2
3519	−0.05	+0.2	6.3	23.9	3, 2
3552	−0.06	+0.1	12.2	23.7	2
3553	−0.02	+0.9	12.4	24.4	2
3573	−0.01	−3.1	12.0	24.4	2
3587	+0.03	−1.6	12.5	24.5	2
3594	−0.04	−1.5	12.0	15.0	2
3616	+0.07	+0.3	12.0	35.0	2, 4
3617	−0.07	−0.6	13.0	15.9	2
3618	−0.02	+1.1	13.2	13.0	6, 3
3619	+0.01	−0.2	12.7	12.5	8, 2
3628	+0.30	−6.6	12.9	18.4	2
3631	+0.07	+0.1	12.5	24.9	2
3636	+0.09	+0.2	13.3	10.0	3, 2
3650	+0.04	−5.0	12.0	23.9	2
3653	+0.01	−0.4	11.9	23.9	2
		9^h			
3659	−0.12	−2.4	5.0	6.9	2
3661	+0.08	−1.5	12.8	24.8	2
3671	+0.01	−0.5	20.9	9.7	4, 3
3675	+0.03	+0.9	20.4	22.1	3
3683	+0.06	−1.7	12.5	11.9	2, 4
3684	+0.17	−0.1	13.0	7.2	1, 4
3687	+0.06	+1.0	5.2	7.3	2
3689	−0.02	−0.2	21.1	26.5	6, 3
3710	−0.09	−0.9	20.5	25.4	3
3718	$+0^{s}.06$	$+0''.1$	$12^{a}.4$	$24^{a}.9$	2
3729	−0.06	−0.9	12.3	24.8	2
3747	−0.14	−4.3	20.8	19.2	7, 2
3757	+0.05	−0.3	21.7	25.3	2, 3
3758	−0.01	−0.5	22.0	25.4	2
3775	−0.01	+0.5	21.3	25.3	3
3779	+0.06	−0.8	19.9	20.9	2, 5
3782	+0.04	+0.1	17.2	8.8	2, 4
3808	+0.05	−0.9	22.0	17.6	2, 4
3811	−0.12	—	16.0	—	1
3814	−0.01	−2.2	22.0	25.0	3, 2
3815	+0.02	−1.2	18.6	25.5	3, 2
3830	+0.06	−1.0	16.2	24.4	3, 4
3840	−0.08	+2.0	21.1	27.0	2, 3
3851	−0.12	−0.4	20.9	27.3	3, 6
3927	−0.09	−0.5	15.2	13.0	2, 3
		10^h			
3944	−0.10	−0.2	13.5	14.8	3, 5
3994	+0.31	−3.5	15.9	18.0	89, 9
3995	+0.35	−1.7	16.1	7.5	11, 4
4134	−0.02	+0.4	12.2	12.2	2
4139	+0.05	−0.9	16.3	8.9	4, 2
4141	−0.11	+1.0	15.7	15.2	4, 2
4145	+0.03	+0.8	12.9	11.9	2
		11^h			
4212	−0.04	−2.6	13.3	10.3	2
4219	+0.10	+0.2	20.4	27.3	2, 6
4268	+0.01	+0.3	20.9	10.8	2
4269	−0.20	−0.5	20.5	17.7	5, 2
4296	−0.01	+0.6	20.2	25.2	2
4300	−0.07	+1.2	14.5	19.4	3, 2
4304	+0.01	+0.4	11.9	17.0	2
4319	−0.01	+1.3	15.9	23.4	2
4320	+0.17	+0.5	21.2	15.7	2
4329	+0.04	—	20.9	—	1
4334	−0.07	+2.2	20.0	17.8	2
4340	−0.07	−1.1	12.3	24.5	4, 3
4345	+0.12	+2.0	18.9	13.3	2
4354	+0.02	−0.8	15.7	25.4	3, 2
4357	+0.08	+3.0	11.9	16.9	2
4361	−0.01	−0.6	18.7	18.4	5, 2
4363	+0.05	+0.1	22.0	26.0	2
4365	−0.10	+0.6	11.9	23.9	3, 2
4366	−0.14	+0.3	15.7	23.9	6, 2
4409	+0.05	−0.2	21.4	23.1	2, 5
4422	−0.04	+2.1	21.0	27.4	4, 3
4433	+0.08	+1.2	20.9	28.0	2, 5
		12^h			
4446	+0.02	+1.1	19.4	21.9	2, 4
4484	+0.04	+0.2	14.4	16.3	3
4490	0.00	+0.9	13.4	26.0	4, 3
4512	−0.03	−2.6	21.0	25.0	2, 3
4514	+0.18	−0.7	15.8	14.9	2
4520	+0.05	+0.3	21.1	25.7	4, 5
4523	+0.03	−0.1	21.0	23.0	3, 2
4527	−0.03	−0.3	21.2	24.9	2, 6
4532	+0.02	+1.2	12.0	23.0	2
4538	+0.07	−0.1	21.3	25.3	2
4549	0.00	−0.4	12.0	12.0	2, 3
4553	−0.11	+0.3	10.3	26.0	3, 2
4559	+0.11	−0.1	11.8	26.5	5, 2
		13^h			
4837	−0.10	−0.5	20.1	26.1	2, 4
4854	−0.05	+0.6	20.1	26.1	3, 5
4865	+0.13	0.0	20.0	11.9	2
4871	$-0^{s}.02$	$+0''.5$	$4^{a}.9$	$12^{a}.9$	3, 2
4873	0.00	−0.6	18.9	12.9	3, 2
4877	+0.41	+0.6	31.0	13.9	1, 3
4893	−0.02	−5.4	11.4	18.5	3, 2
4897	+0.05	−0.1	14.1	13.3	3, 2
4899	−0.03	−2.8	14.4	7.2	2, 3
4900	−0.14	−2.5	31.0	31.0	2
4901	0.00	−3.0	14.7	6.7	2
4912	+0.02	−1.1	16.5	12.5	2
4917	−0.05	+0.9	17.4	11.4	4, 2
4936	−0.49	−6.7	20.9	31.0	2
4943	+0.02	−7.1	12.3	8.4	5, 2
4945	+0.03	−2.2	6.6	13.2	4
4948	−0.05	−2.5	8.5	9.9	6, 2
4950	−0.05	−0.7	12.0	31.1	2
4952	+0.02	−1.5	19.7	23.9	4, 3
4954	−0.07	−0.4	21.1	31.1	2
		14^h			
4971	−0.02	−0.7	11.9	31.0	2
4988	−0.01	−0.2	20.0	23.0	2
4991	−0.07	+0.6	21.9	22.9	2
5026	−0.14	+0.2	6.3	11.3	4, 2
5027	−0.21	—	4.3	—	2
5038	+0.05	0.0	21.0	23.3	2, 3
5095	−0.07	+2.3	13.3	28.1	4, 3
5124	−0.05	−1.5	18.4	16.5	3, 2
		15^h			
5282	+0.09	+0.3	20.6	27.6	2, 3
5434	−0.05	+0.9	15.6	27.0	3
5445	−0.04	+1.7	15.1	27.0	3
		16^h			
5570	+0.06	−1.0	20.9	26.3	3, 4
5626	0.00	−1.7	21.0	27.2	3
5691	+0.06	+1.0	20.9	27.0	3
5752	+0.03	+0.8	21.6	27.9	3
		17^h			
5935	+0.01	+1.3	23.7	27.2	4, 3
5956	−0.01	−0.1	21.2	27.7	3
5976	+0.05	+1.2	25.0	27.2	3
6107	−0.08	+2.5	20.9	25.9	2, 3
6253	+0.07	+0.5	18.5	23.6	7, 4
6254	+0.08	+0.7	18.5	13.3	7, 2
		18^h			
6433	+0.05	+2.1	21.4	20.8	2, 9
6528	+0.12	+1.2	21.6	28.0	3, 4
6556	+0.14	+0.9	18.9	22.8	2
6732	+0.05	+1.5	21.0	26.9	2, 4
6752	+0.06	−0.4	17.7	22.9	4, 2
6815	+0.09	−2.0	18.9	20.5	4
6818	0.00	−0.2	18.7	17.2	4, 3
6831	+0.04	−0.9	18.7	18.9	5, 4
		19^h			
6893	+0.07	−0.6	12.5	19.3	6, 1
6917	+0.07	+0.6	41.5	26.5	2, 3
6924	+0.11	−0.2	12.4	27.0	4, 3
6936	+0.10	−1.1	22.2	28.2	2
7046	−0.17	−2.5	25.4	12.5	3
7429	0.00	+0.5	12.2	28.3	3
7430	+0.15	+1.5	25.4	17.8	3, 4

Nr.	Berl. — Yarn. Δα	Δδ	ΔEp.	Anz. Y.
		20^h		
7485	$+0^s.08$	$+0''.6$	$21^a.2$ $27^a.2$	2, 4
7533	+0.02	+0.3	22.4 27.6	2, 5
7546	+0.02	−0.8	11.9 10.5	2
7560	+0.07	−0.6	16.7 19.1	2
7664	+0.09	0.0	12.8 10.0	4
7912	+0.04	−5.5	23.4 29.0	3
		21^h		
8187	$+0^s.20$	$-1''.9$	$5^a.1$ $8^a.4$	3
8208	+0.13	−0.7	4.8 12.3	3, 2
8252	+0.06	−0.2	15.3 8.6	3, 6
8384	+0.07	−0.6	10.5 15.4	6
8389	+0.10	−0.5	8.9 10.5	6
		22^h		
8620	+0.59	−1.0	21.3 17.5	3, 4
		23^h		
8859	$0^s.00$	$-0''.9$	$13^a.9$ $9^a.2$	4, 6
8984	−0.03	−2.6	19.3 12.4	3, 2
9020	−0.01	−0.9	36.6 14.4	7, 2
9119	+0.04	−1.0	4.4 7.8	3, 4
9121	+0.05	−0.8	3.6 3.0	3, 2
9125	−0.15	—	4.0 —	2
9157	−0.07	−0.2	13.6 28.2	4, 3

Ausgeschlossen sind alle am Refractor erhaltenen Positionen (Eq.).

Die Octantenmittel, abgeleitet aus den Sternen mit genau bekannter Eigenbewegung, welchen die mittlere Grösse 6.0 zugehört, sind:

Stunden	RA.	Berl. — Yarn.		Anz.
0 bis 2	$1^h.85$	$+0^s.040$	$-0''.04$	13
3 » 5	4.12	+0.020	−0.24	40
6 » 8	7.86	+0.015	+0.21	32
9 » 11	10.32	+0.043	+0.34	13
12 » 14	13.27	+0.046	+0.54	5
15 » 17	17.10	+0.068	+0.48	6
18 » 20	19.60	+0.065	+0.05	11
21 » 23	22.81	+0.039	−0.69	10

Graphische Ausgleichung gibt:

$0^h.0$	$+0^s.04$	$-0''.4$	$6^h.0$	$+0^s.02$	$0''.0$	$12^h.0$	$+0^s.05$	$+0''.5$	$18^h.0$	$+0^s.07$	$+0''.3$
1.0	+0.04	−0.4	7.0	+0.02	+0.1	13.0	+0.05	+0.5	19.0	+0.06	+0.1
2.0	+0.03	−0.4	8.0	+0.02	+0.2	14.0	+0.05	+0.5	20.0	+0.06	0.0
3.0	+0.03	−0.3	9.0	+0.03	+0.3	15.0	+0.06	+0.5	21.0	+0.06	−0.2
4.0	+0.02	−0.2	10.0	+0.03	+0.4	16.0	+0.06	+0.5	22.0	+0.05	−0.3
5.0	+0.02	−0.1	11.0	+0.04	+0.4	17.0	+0.07	+0.4	23.0	+0.05	−0.3

Glasgow Catalogue.

Nr.	Berl. — Gl. Δα	Δδ	ΔEp.	Anz. Gl.
		0^h		
198	$-0^s.03$	$+0''.3$	$15^a.6$ $16^a.1$	4, 2
208	+0.15	+0.2	18.6 11.9	3, 4
		1^h		
545	−0.06	+1.5	7.4 6.5	6, 7
546	+0.05	+0.6	1.4 1.2	5, 4
575	+0.02	−0.4	6.8 7.7	5, 6
586	−0.12	+0.2	18.2 15.1	7, 6
597	+0.20	+1.7	12.8 8.0	3, 5
631	−0.04	−0.2	14.7	3
632	−0.11	+1.1	14.6 16.0	3, 4
		2^h		
652	+0.12	−0.2	7.3 3.0	6, 7
838	+0.09	0.0	19.4 18.0	10, 11
867	+0.06	−1.0	15.7	4
895	+0.06	−0.3	18.3 15.9	7
		3^h		
919	+0.05	0.0	15.4 8.3	3, 4
982	−0.17	+0.4	3.0 2.3	3
1000	−0.10	+0.5	2.5 2.3	5, 4
1008	+0.04	−1.6	18.4 18.7	7, 5
1071	−0.09	+1.8	14.3 11.0	3, 4
1092	$-0^s.04$	$-0''.7$	$13^a.1$ $13^a.9$	5, 3
1129	−0.07	−0.8	1.6 2.1	3, 4
1143	−0.04	−0.9	9.2 12.0	4, 3
1145	0.00	−0.6	15.3 9.0	2, 4
1147	+0.11	+0.2	9.4 6.3	2, 4
1176	+0.02	−0.1	17.7 10.8	4, 3
1213	+0.01	+1.6	11.7	3
1216	−0.02	−2.4	16.0 10.3	3
1221	0.00	+0.3	18.6 14.8	5, 6
1258	−0.02	+0.6	13.8 1.7	12, 3
1261	−0.09	−1.6	9.6 14.5	6, 4
1292	+0.01	−0.7	19.7 18.3	10
1293	+0.19	−0.3	11.4 5.0	2, 6
1309	−0.03	+0.9	2.8 2.1	3, 4
1314	−0.01	−0.8	4.1 4.0	8
1319	+0.13	−1.5	20.1 16.8	7, 6
		4^h		
1355	0.00	+0.7	8.7	4
1361	+0.04	+0.2	0.4 0.9	4, 3
1365	−0.02	−1.0	0.6 1.2	3, 5
1386	+0.05	−1.0	3.0 2.0	4, 3
1391	+0.12	−1.0	19.8	3, 4
1397	+0.17	+0.2	12.7 7.7	2, 4
1398	−0.06	+0.3	9.8 6.0	3, 5
1402	−0.08	−1.0	8.0 9.5	5, 5
1434	−0.08	+1.3	6.4 9.8	10, 9
1505	$-0^s.03$	$0''.0$	$11^a.6$ $10^a.1$	3, 5
1509	+0.04	−1.2	0.5 5.5	2, 3
1628	−0.03	−0.8	13.9 14.1	9, 5
		5^h		
1665	+0.01	−0.3	14.8	3
1701	+0.08	−1.7	3.6 2.7	3, 4
1749	−0.10	+0.7	14.3	3
1767	−0.03	+1.7	16.4 15.2	5, 3
1883	−0.11	+0.1	16.1 12.6	3, 4
1897	+0.01	+1.0	16.2	3
1937	−0.05	+1.4	2.1 6.7	3
1950	−0.02	+0.4	18.7 15.4	4, 5
2030	+0.06	+0.9	16.3 9.0	3, 4
2042	−0.18	−0.8	15.6 13.4	2, 5
2122	+0.06	−2.1	15.1	4
2151	−0.12	−1.1	15.4	4
2188	+0.02	−0.5	19.0 20.0	5, 2
		6^h		
2222	+0.04	−0.6	13.6 12.8	2, 4
2240	−0.09	+0.1	3.8 3.3	3
2280	−0.17	−0.2	3.5 2.5	4, 3
2301	+0.02	+1.1	4.2 3.1	3
2373	+0.01	+1.2	4.1 4.9	3, 4
2494	+0.11	−0.1	4.0 2.5	3
2633	+0.05	+0.2	11.3 14.0	4, 3

Nr.	Berl. — Gl. Δα	Δδ	ΔEp.		Anz. Gl.
2735	−0^s.11	−0$''$.8	14^a.2	11^a.1	2, 4
2752	+0.02	+0.2	1.3	2.0	3, 2
2759	−0.02	−0.7	2.5	1.6	4
			7^h		
2842	−0.04	+0.2	9.5	7.1	2, 3
2845	+0.05	−1.3	17.5	17.7	10, 4
2910	+0.11	+0.2	13.1	9.2	2, 5
2923	−0.03	+0.6	16.2	16.0	12, 7
2945	−0.32	+1.5	15.6	15.9	3, 4
2947	−0.07	−0.8	17.3	6.4	5, 3
2953	−0.13	−1.9	20.2	19.2	4, 5
3036	+0.15	−0.9	16.9	15.1	3, 2
3051	−0.09	+0.9	16.2	16.3	3
3085	−0.05	+2.5	3.5	6.3	5, 3
3104	−0.01	+0.4	3.8	2.7	3
3124	+0.07	+0.5	16.0	11.6	5, 4
3159	−0.14	+3.0	10.1	14.6	6, 3
3177	−0.04	−0.4	17.0	17.6	13, 7
3234	+0.02	+0.8	13.7	9.4	2, 3
3258	+0.06	+0.8	16.3	15.9	5, 4
			8^h		
3268	−0.08	−1.2	7.0	6.4	5
3344	+0.05	−0.5	14.6	5.8	7, 3
3381	−0.04	+1.2	1.9		5, 2
3408	−0.10	+1.3	17.2		4
3419	−0.17	+0.8	2.1	3.1	6, 5
3436	−0.09	−1.6	15.5	11.1	4, 3
3469	−0.08	+1.5	15.0	12.3	2, 4
3476	−0.08	+1.3	8.8	6.7	2, 3
3484	+0.01	+0.6	16.6	9.7	2
3489	−0.06	+2.2	1.1	1.3	3, 4
3490	+0.13	+1.3	10.9	10.5	2
3495	+0.01	−0.7	4.9	4.7	4, 3
3502	−0.02	+1.2	17.4	6.1	7, 3
3505	+0.05	−0.9	−0.1	+0.1	3, 2
3510	−0.05	−1.2	3.8	2.7	5, 4
3516	−0.06	−0.1	9.8	10.0	17
3632	−0.04	+0.9	11.8	13.8	7, 5
			9^h		
3747	−0.05	−0.7	3.2	12.2	5, 4
3830	+0.05	−0.6	16.1	16.2	5, 3
3840	−0.09	−0.8	10.6	13.7	4, 3
3851	−0.04	+1.0	14.3		3
3913	+0.02	+1.3	7.3	5.8	3, 4
			10^h		
3965	−0.20	−0.9	14.3	11.1	5, 3
3971	−0.02	−0.6	2.4	1.6	3
3977	−0^s.59	−0$''$.3	16^a.7	9^a.3	9, 5
3992	−0.15	−5.4	10.7	16.0	6, 2
3994	+0.17	−1.4	10.2	7.9	71, 25
			11^h		
4213	−0.23	+0.8	3.2	2.6	4, 3
4334	+0.06	−0.7	0.9	1.9	6, 3
			12^h		
4463	+0.05	−0.7	3.5	2.2	4, 3
4476	−0.03	+0.6	2.1	1.3	7, 5
4490	+0.01	−1.0	7.1	9.5	3, 4
4514	+0.19	+1.5	4.6	2.9	3
4557	−0.06	−1.4	3.3	3.0	4, 3
4572	−0.01	+1.3	6.5	5.8	8, 5
			13^h		
4695	−0.18	−0.6	0.3	2.3	3
4852	−0.07	+0.1	3.3	2.3	3
4854	−0.19	+0.9	1.5	2.2	7, 3
4897	−0.06	−0.1	3.5	1.8	4
4942	−0.09	+0.1	1.9	0.8	3, 4
			14^h		
5095	−0.12	+0.8	3.5	3.0	4, 3
			15^h		
5434	−0.08	−0.8	15.9		4
5445	−0.19	0.0	10.6		4
			16^h		
5561	+0.09	+1.0	14.6	8.9	4, 5
5570	−0.23	+0.5	14.8		4
5626	−0.12	−0.4	10.0	7.4	2, 3
5691	−0.07	−0.8	0.1	3.6	3, 4
5752	+0.10	0.0	2.8	2.9	5, 3
			17^h		
5863	+0.01	+0.8	8.9	5.9	5
5878	−0.05	+1.7	9.4	3.8	3, 4
5879	+0.06	+2.1	0.7	5.4	3
5935	−0.08	−1.5	14.5	14.6	4, 3
5956	−0.08	−1.8	15.6		3
5976	+0.01	+0.3	3.3	1.6	3, 5
6054	−0.10	−0.9	14.9	10.6	2, 3
6082	+0.01	+0.7	9.4	8.5	2
6087	+0.04	+0.9	7.2	6.5	4
6100	−0.03	+0.7	7.6	5.5	4, 5
6107	−0.03	+1.3	1.7	0.4	5
6270	−0.07	+0.2	2.8	2.5	4, 3
6272	+0.02	−0.2	13.0	6.7	4, 5
			18^h		
6319	+0^s.03	−2$''$.0	2^a.9	1^a.9	3
6416	+0.16	−1.2	4.9	3.0	2, 3
6494	+0.04	+1.6	8.1	5.7	2, 4
6528	+0.04	−0.2	15.6	6.1	3
6556	+0.11	+0.5	10.4	6.3	3, 5
6710	−0.04	−1.4	14.9		3
6732	+0.05	+0.6	11.5	11.9	5
			19^h		
6846	+0.06	+0.5	0.9	4.4	5, 4
6893	+0.05	0.0	7.1	8.6	5, 3
6917	−0.06	+0.4	5.6	8.1	4
7010	−0.02	−1.3	1.6	2.0	7, 3
7012	−0.10	−1.7	2.0	2.6	6, 3
7046	−0.11	−0.4	13.9		4
7051	+0.06	−0.7	15.2	6.2	8, 3
7076	+0.06	−1.5	9.0		3, 4
7316	+0.12	−0.8	15.5	5.9	3
7397	−0.04	−0.1	15.4	5.8	4, 7
7430	+0.13	0.0	18.1	15.7	7, 3
			20^h		
7485	−0.05	+0.3	2.7	2.0	5, 4
7516	+0.02	+1.8	15.5	15.0	5, 2
7533	−0.03	+0.9	15.7		3
7589	+0.08	+1.9	5.1	9.1	3, 5
7591	−0.07	+1.0	16.1	15.8	4, 3
7598	+0.12	−0.8	1.1	3.5	4, 3
7664	−0.01	+0.2	4.7	4.2	5, 3
7912	−0.09	−2.1	16.7	8.6	4, 5
8024	−0.10	−0.8	4.7	3.5	3
			21^h		
8123	−0.06	−0.9	13.7	10.6	3
8124	−0.03	−0.4	15.3	15.0	9, 7
8126	+0.03	+0.2	11.4	6.8	6, 4
8187	+0.09	+0.2	8.0	11.4	3
8189	−0.03	−0.2	1.0	6.7	7, 3
8208	0.00	+0.7	20.9	8.1	6, 3
8252	+0.09	−0.5	20.0	20.9	9, 6
8384	−0.06	−1.0	3.3	3.0	4, 3
8389	+0.09	−0.2	3.8	3.4	3
			22^h		
8532	−0.01	−1.9	16.7	17.6	6, 4
8547	+0.08	+0.7	15.3	5.3	4, 3
			23^h		
8948	+0.07	−0.9	18.5		6, 8
9020	+0.05	−1.6	16.3	11.7	4, 6
9157	−0.08	−1.6	19.1	19.4	6, 4

Die Zusammenziehung in Mittelwerthe gibt (unter Berücksichtigung der E. B. für nahe fünf Sechstel der ganzen Anzahl):

2^h.46	−0^s.017	+0$''$.26	(21)	11^h.43	−0^s.016	−0$''$.01	(21)
3.94	+0.001	−0.05	(21)	16.73	−0.029	+0.23	(21)
5.51	−0.015	+0.11	(21)	19.10	+0.040	−0.27	(21)
7.22	+0.014	+0.47	(20)	21.37	+0.007	−0.14	(21)
8.47	+0.007	+0.50	(20)				

Hiernach wird man folgende Reductionswerthe annehmen können (mittl. Grösse 6.3):

0^h.0	0^s.00	0$''$.0	6^h.0	0^s.00	+0$''$.2	12^h.0	−0^s.01	+0$''$.2	18^h.0	0^s.00	−0$''$.1
1.0	0.00	0.0	7.0	0.00	+0.3	13.0	−0.01	+0.2	19.0	+0.01	−0.1
2.0	−0.01	0.0	8.0	0.00	+0.3	14.0	−0.01	+0.1	20.0	+0.01	−0.1
3.0	−0.01	+0.1	9.0	0.00	+0.3	15.0	−0.01	0.0	21.0	+0.01	−0.1
4.0	−0.01	+0.1	10.0	0.00	+0.3	16.0	−0.01	0.0	22.0	+0.01	−0.1
5.0	−0.01	+0.2	11.0	−0.01	+0.3	17.0	0.00	−0.1	23.0	+0.01	0.0

Second Glasgow Catalogue.

Nr.	Berl. — Gl. II Δα	Δδ	ΔEp.	Anz. Gl.
			—	
	0h			
44	−0.12	+0.7	10.6	3
113	+0.01	+0.8	10.6	4, 3
193	+0.20	+3.9	9.5	3
280	−0.04	+1.0	9.9	4
292	+0.12	+1.3	9.3	4, 3
	1h			
507	−0.30	+1.8	10.6	3
545	+0.02	+0.5	9.5 8.2	5, 3
597	−0.14	+0.4	10.7	3
	2h			
661	−0.04	+0.9	10.4	4
863	−0.28	+2.3	10.8	3
869	+0.13	+0.3	10.2	3
	3h			
919	+0.09	+0.7	9.5	3
950	+0.11	+1.9	10.2	2, 3
992	−0.07	−0.1	9.9	3, 4
1000	+0.09	+0.4	9.4	4
1005	+0.03	−0.2	11.0	3
1008	−0.15	+3.2	7.8 7.5	3, 2
1024	−0.05	+2.9	11.4	4
1057	+0.09	+1.8	10.4	3
1071	−0.03	−1.1	9.0 8.3	3
1119	+0.11	−0.1	10.7	3
1142	−0.02	+1.0	9.1	3
1196	+0.07	−1.5	11.6	4
1258	+0.08	+1.3	7.6	3, 4
1314	−0.01	−0.7	8.8 9.4	23, 19
	4h			
1377	+0.08	−0.7	10.3	2, 3
1389	−0.09	+1.0	9.3	3, 4
1437	−0.03	+0.6	10.6	3
1513	+0.26	+3.1	10.9	2, 3
1580	+0.02	−0.7	11.8	2, 3
	5h			
1643	+0.15	+1.2	10.0	3
1701	−0.11	+1.3	10.5	3, 4
1960	−0.03	+1.5	9.8	3
1971	−0.01	+2.2	9.8	3, 2
2028	+0.25	+1.1	10.6	4, 3
	6h			
2216	−0.05	+0.2	9.8	2, 3
2230	+0.06	+1.7	9.8	3
2232	+0.06	+1.4	10.8	3
2280	+0.11	+2.5	9.0 7.9	4, 3
2297	−0.10	+0.7	11.2	3
2314	−0.21	+1.4	10.8	2, 3
2630	−0.08	+1.3	9.8	3
2685	−0.34	0.0	10.1	2, 3
	7h			
2830	0.00	+0.2	11.5	3, 2
2945	+0.08	+0.3	8.3	3, 4
3036	+0.04	+1.6	8.9 8.8	4, 5
3085	0.00	+0.5	9.3	3
3159	0.00	+0.6	10.5	3
3234	+0.06	+1.1	7.5 7.9	4
3258	+0.13	+1.7	9.3 8.8	3
	8h			
3332	+0.02	+1.2	11.9	3
3343	0.00	+1.5	11.2 11.1	3, 2
3344	+0.09	+1.8	10.5	3
3394	+0.17	+3.0	11.6 11.5	2
3476	+0.15	+2.3	9.5 10.0	3, 2
3478	+0.10	+0.9	11.1	1
3480	+0.07	+0.7	10.8	3
3485	+0.07	−0.1	10.9	3
3488	+0.18	+0.2	12.1	2
3495	+0.22	+2.2	10.2	2
3516	+0.09	−0.4	10.6 10.2	8, 10
	9h			
3671	+0.01	+1.1	11.6	3
3675	+0.17	+1.0	11.6	3
3782	+0.02	+1.9	10.6	3
3795	0.00	+1.3	10.4	3
3859	−0.06	+2.6	11.4	3
	10h			
3985	−0.03	+1.2	10.7	3
3994	−0.18	+1.0	9.7 9.9	6, 5
4063	+0.17	+3.1	11.8	3, 2
4138	+0.05	+1.5	11.5	3, 4
	11h			
4286	−0.41	+2.1	11.5	2, 3
4345	−0.15	+0.2	11.8	3, 4
4362	−0.60	−3.1	11.5	3
4414	−0.04	+1.3	11.5	3
	12h			
4572	+0.02	+0.4	10.6	2, 3
	13h			
4713	−0.07	+0.6	11.0	3
4726	+0.07	+1.5	10.0	2, 3
4780	−0.14	+1.4	10.7	2
4791	−0.06	−0.2	10.7	3, 2
4799	+0.06	+0.9	10.8	2
4897	+0.09	+0.3	10.6	3
4938	−0.13	+1.1	10.9	2
4962	+0.10	+1.0	11.3 11.5	2
4963	−0.25	+0.8	10.1 10.3	2, 3
	14h			
4969	+0.15	+1.6	10.0	2
4992	+0.02	+1.1	10.7	2
5069	−0.08	+1.6	10.7	2
5120	−0.16	+1.0	10.7	2, 3
5124	0.00	+1.0	9.9	2
5174	+0.03	−0.1	10.7	2
5195	−0.02	+2.2	10.9	3
	15h			
5242	−0.22	+0.9	11.0	2, 4
5324	−0.26	+1.4	10.0	2
5330	+0.12	+1.9	9.9	2
5390	−0.04	+0.3	11.1 11.0	3, 2
5467	−0.04	+1.5	9.9	3
	16h			
5561	+0.01	−0.1	10.9	2
5578	−0.20	+2.8	9.9	3
5742	+0.12	−0.5	10.9	2
5749	+0.12	0.0	10.6	2
5751	−0.29	−1.8	10.9	2
5762	+0.04	+2.1	10.7 10.6	3, 2
5795	+0.10	+1.6	10.0 9.9	3, 2
5832	−0.16	+0.7	9.8	2
	17h			
5847	+0.11	+1.7	10.8	2
5878	−0.06	−0.2	10.8	3
5889	+0.12	+0.4	10.9	2
6003	−0.07	+0.5	9.9	2
6087	−0.28	+2.1	10.4	2
6100	+0.02	+0.9	10.1	2
6107	+0.04	0.0	11.0	2
6145	−0.10	+1.0	10.9	2
6181	−0.10	+0.8	11.0	2
6212	+0.08	−0.5	10.0	2
6236	+0.10	−1.7	10.9	2
6247	−0.12	−0.4	10.6	3
6270	+0.18	−1.6	10.6 10.5	4, 2
6286	−0.02	+0.3	10.6	2
	18h			
6295	+0.20	−2.1	10.9 10.8	2
6302	+0.11	+0.8	9.8	2
6319	+0.11	+1.4	11.0	2
6397	+0.15	−1.4	10.9 10.8	2
6452	−0.29	−1.7	9.8	2
6516	−0.10	−0.7	10.9	2
6555	−0.09	−0.5	9.8	2
6598	−0.07	−0.5	9.8	2
6672	+0.20	−2.3	10.3	2
6770	+0.09	−0.6	10.9	2
6827	+0.09	+1.5	10.0	2
	19h			
6885	−0.21	−0.1	10.4	3, 2
6920	−0.13	+2.1	10.5 10.4	2
6989	+0.08	+2.5	10.6	2
7044	+0.06	0.0	9.8	2
7096	−0.05	+0.6	9.7	2
7098	+0.09	−0.9	9.8	2
7141	−0.02	−0.3	9.3	3
7184	+0.02	−1.5	10.9	2
7368	−0.15	−1.1	10.2	2
7433	−0.02	−1.6	9.5	2
	20h			
7471	−0.14	+0.7	10.7	3
7761	+0.02	+0.4	11.0	3
7797	−0.09	−1.2	10.2	3
7892	−0.04	−0.6	9.5	2, 3
7979	−0.15	−0.4	10.0	3
8024	+0.05	−2.3	9.8	2
8031	−0.22	−0.9	10.1	5

Nr.	Berl. — Gl. II Δα	Δδ	Δ Ep.	Anz. Gl.
	21h			
8118	−0.11	0.0	10.3	3
8126	+0.02	+2.2	8.0 8.4	3, 2
8162	−0.12	+0.6	10.1	3
8217	0.00	+0.3	11.1	3
8236	+0.02	+0.3	11.0	3
8273	+0.17	+1.2	11.5	3
8385	−0.01	0.0	10.7	3
8425	−0.31	+1.0	10.2	3
8447	+0.05	−3.5	10.0	3
	22h			
8541	−0.24	−1.8	10.6	3, 2
8567	−0.04	−0.9	10.7	3
8620	−0.30	+0.1	11.1	3
8701	+0.13	−1.9	11.0	3
8731	−0.03	−1.0	10.0	3, 2
8791	−0.11	−0.6	10.2	2
8812	+0.15	+0.7	10.5	2
8832	+0.28	+0.4	10.1	2, 3
8841	−0.03	−0.8	10.2	3
	23h			
8859	+0.05	+0.6	10.1	3
8890	−0.22	−0.2	10.3	3
8894	−0.02	−0.5	9.4	4
8899	−0.27	−1.5	10.1	3
8933	+0.12	−1.1	9.1	3
8956	−0.04	−0.9	9.6	3
8975	−0.30	+0.1	9.1	2
8984	+0.09	−1.9	10.2	2
8986	−0.10	+0.4	10.5	1
8993	+0.01	+0.2	11.0	1
9008	−0.27	+0.8	11.0	2, 3
9021	−0.01	−1.4	10.2	2
9031	+0.14	−1.5	10.2	2
9036	+0.09	+2.5	9.4	5, 4
9043	−0.04	−1.1	10.2	2
9056	+0.01	−1.2	11.0	3
9082	0.00	−1.5	11.0	3
9087	−0.12	−1.9	11.1	2
9121	+0.11	−0.5	11.1 11.0	3
9133	+0.08	+0.5	10.6	1
9157	+0.03	+0.4	9.7	2

Nach Ausschluss der zwei starken Abweichungen in 11h und unter Berücksichtigung der bekannten Eigenbewegungen (für 82 Sterne) folgen die Mittelwerthe:

2h34	−0.005	+0.72	(21)	17h90	−0.020	−0.08	(21)
5.08	+0.021	+0.63	(20)	19.79	−0.030	−0.38	(20)
8.00	+0.030	+0.92	(20)	22.07	−0.009	−0.22	(19)
11.74	−0.029	+1.01	(21)	23.46	−0.036	−0.56	(20)
15.67	−0.026	+0.98	(21)				

aus denen mittelst einer einfach gehaltenen Curve die Reductionswerthe Berl. — Gl. II sich ergeben:

0h0	−0.02	−0.1	6h0	+0.01	+0.7	12h0	−0.01	+0.8	18h0	−0.03	+0.1
1.0	−0.01	+0.1	7.0	+0.01	+0.8	13.0	−0.01	+0.7	19.0	−0.03	0.0
2.0	−0.01	+0.2	8.0	+0.01	+0.8	14.0	−0.02	+0.7	20.0	−0.03	−0.1
3.0	0.00	+0.4	9.0	0.00	+0.9	15.0	−0.02	+0.6	21.0	−0.02	−0.2
4.0	+0.01	+0.5	10.0	0.00	+0.8	16.0	−0.02	+0.4	22.0	−0.02	−0.2
5.0	+0.01	+0.6	11.0	−0.01	+0.8	17.0	−0.03	+0.3	23.0	−0.02	−0.2

Second Armagh Catalogue.

Nr.	Berl. — Arm. Δα	Δδ	Δ Ep.	Anz. Arm.
	0h			
15	+0.12	−1.8	3.9 9.4	1, 2
20	+0.07	0.0	5.9 6.8	5, 4
55	−0.03	+0.5	6.4	5
73	+0.05	+0.7	9.5 9.1	4, 5
111	+0.10	+1.4	8.9 7.6	6, 5
127	—	+0.1	13.0	1
139	+0.09	+0.3	6.7	3
150	0.00	+1.1	4.6	3
257	+0.13	+1.4	4.7	5
262	−0.26	−0.2	6.0 9.6	1, 2
267	+0.09	+0.5	8.0	3
272	+0.05	+1.9	4.9 5.5	3, 4
285	+0.09	−1.6	3.3	1
	1h			
351	0.00	+2.6	3.4	2
383	0.00	+0.1	8.5	2
406	+0.07	+1.1	4.9	4
455	+0.03	+1.8	7.0 10.0	4, 6
490	−0.02	−1.0	9.2	4
496	+0.01	+1.2	4.1	3
500	−0.01	+0.9	2.2	5
555	+0.04	+0.5	9.7 10.2	3, 6
559	—	+1.4	13.5	1
604	+0.10	+1.2	3.1 3.5	2, 3
607	+0.05	+2.1	9.0 10.7	2, 3
630	+0.25	−0.4	3.0 5.0	4, 5
	2h			
649	+0.12	+0.8	5.4 6.9	6, 7
666	+0.18	+0.9	6.3 8.1	3, 4
677	+0.27	−1.4	3.4 9.4	2, 3
701	+0.10	−0.4	14.5 12.9	2, 3
748	+0.09	+0.3	8.8 10.0	4, 5
788	—	−1.3	15.0	4
830	+0.03	+0.5	10.8	6
864	+0.25	+0.9	1.7	1
891	+0.01	+0.9	6.0	1
	3h			
922	+0.04	+0.9	7.7	5
926	+0.02	−1.5	6.7	2
948	+0.04	+0.9	4.1 4.3	5
1022	+0.07	−0.9	6.5	1
1142	+0.13	−0.3	14.8	1
1186	+0.01	−0.4	10.4	4
1265	−0.03	+1.2	8.9	5
1271	+0.10	+0.6	8.1	4
1276	—	0.0	14.2	1
	4h			
1338	+0.12	−0.3	8.5	5
1353	+0.18	+0.1	1.7 8.8	1, 2
1394	+0.04	+0.3	6.7	2
1414	+0.03	+0.7	7.4	4
1450	0.00	−0.1	7.6	5
1454	+0.11	−0.8	5.3	3
1456	−0.02	+0.1	1.6	2
1476	+0.07	−1.4	11.0	5
1481	+0.10	−0.6	9.5	5
1497	−0.10	+0.9	7.6	5
1513	−0.10	+2.7	1.9	1
1549	0.00	+1.8	4.5	2
1574	−0.10	+0.6	16.1 5.1	2
1594	−0.07	+0.1	−0.5	1
1603	−0.07	−2.3	11.2 12.8	5, 6
1637	−0.15	−0.4	12.1 10.8	5, 7

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
		5^h		
1732	−0.13	+0.1	0.0 10.5	1, 2
1754	−0.12	+1.9	4.9 3.5	4, 5
1850	+0.14	0.0	9.7	5
1880	−0.01	+2.4	11.0 11.8	3, 4
1979	−0.03	−0.5	10.6	5
2031	−0.09	+1.0	4.8	2
2098	−0.07	+1.5	1.4	4
2150	—	−2.1	19.2	4
		6^h		
2361	−0.03	−0.7	11.4 13.2	5, 6
2402	+0.12	+1.5	12.2 12.3	5, 4
2405	−0.04	+0.2	9.3	4
2419	0.00	+1.3	5.7	3
2503	−0.05	+1.6	9.5	4
2578	+0.07	+1.5	11.0 12.9	5, 6
2633	−0.07	+1.0	9.3	4
		7^h		
2813	−0.30	−6.6	11.1 15.3	5, 7
2854	−0.03	+2.5	2.9	2
2929	—	−0.3	19.3	4
2977	−0.02	+1.0	10.5	5
2978	−0.21	+0.7	1.5	1
3061	−0.11	−1.9	11.3 14.0	5, 7
3085	—	+2.4	12.0	1
3110	+0.05	+2.2	9.5	3
3115	−0.04	−0.2	11.2 10.9	6, 5
3166	−0.11	+1.2	1.0	2
3191	−0.06	−0.4	9.4	5
3212	−0.02	+0.4	10.3	5
		8^h		
3293	+0.05	−0.6	9.6	5
3298	0.00	+1.3	−1.0	1
3332	+0.01	+0.7	3.3	3
3354	+0.03	−1.4	8.7	4
3397	−0.07	−0.6	11.3	5
3419	+0.04	−0.4	11.3	1
3458	+0.05	+3.7	−0.1	1
3532	+0.11	+0.9	3.5 4.2	2, 3
3583	−0.04	+0.3	8.0	5
3596	+0.16	−0.5	11.4 11.2	5, 4
		9^h		
3792	+0.01	−1.4	10.1	5
3844	+0.07	−0.2	10.1 11.7	5, 6
3893	+0.07	−0.1	10.4 12.2	5, 6
3930	+0.06	+1.1	6.0	1
		10^h		
3950	+0.11	−1.6	10.0 12.9	5, 7
3954	0.00	−0.2	9.5	5
4040	+0.02	+1.6	5.9	1
4052	−0.07	+0.9	7.4 12.1	2, 4
4080	+0.10	+1.1	8.3 9.1	5, 6
4086	−0.08	+0.3	4.6	4
4098	+0.04	+2.1	2.9 3.3	5, 4
4114	+0.03	+0.6	5.2	1
4139	+0.04	+0.5	11.6 14.3	6, 5
4142	−0.06	−0.1	5.7	2
4146	+0.08	+6.1	8.2	1
		11^h		
4185	+0.01	+0.5	5.2	3, 4
4189	+0.01	+0.9	7.6 8.2	5, 6
4232	+0.01	0.0	6.0	2

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
4237	+0.03	+1.7	1.7 5.4	2, 3
4260	−0.07	−0.7	1.7 4.7	4
4267	+0.23	+0.2	0.2 6.2	1, 2
4278	+0.04	−0.3	4.9	1
4288	+0.14	+0.3	8.4 9.2	4, 5
4300	+0.03	+1.0	8.9 9.4	5, 6
4326	−0.04	+0.9	8.2 9.5	5, 6
4340	−0.08	+0.5	11.4	5
4345	−0.05	+1.2	8.9 8.4	5, 4
4363	0.00	+0.4	12.0	1
		12^h		
4518	+0.19	+1.4	5.9	2
4527	—	0.0	14.6	2
4543	−0.18	−0.6	11.1	5
4559	+0.06	+0.5	1.7 2.4	4, 5
4623	+0.05	−0.4	0.1	4
4628	—	+1.7	14.0	1
4637	+0.01	+0.3	8.4 4.1	3
4641	0.00	−0.4	6.3 7.9	4, 5
4669	+0.05	+0.9	7.6	5
4671	+0.01	+1.1	8.6	5
		13^h		
4713	−0.02	−1.2	10.3 13.5	4, 6
4715	−0.02	+0.8	5.0	4
4813	+0.05	−0.8	6.9	5
4860	−0.06	−0.3	3.9 6.9	5, 7
		14^h		
4969	+0.02	+1.5	7.3 10.8	3, 5
4988	+0.04	−0.5	2.4 10.1	3, 6
5013	+0.24	+1.0	5.5	4
5020	−0.03	+0.3	7.0	4
5026	−0.24	−0.5	8.9 5.8	5, 4
5037	−0.08	+5.1	7.7 7.4	7, 6
5088	−0.15	−0.1	5.7	4
5108	−0.04	−0.5	9.0	3
5115	−0.03	+0.8	6.5	4
5126	−0.12	+0.9	9.9 8.4	6, 5
5182	−0.05	−1.6	11.1	1
5187	+0.01	+0.3	10.9 10.7	6
5206	−0.17	+1.2	3.0	2
5226	−0.10	+0.4	8.7 10.0	3, 4
		15^h		
5256	+0.05	−0.9	8.9 7.0	5, 4
5261	−0.02	−1.0	0.4	1
5296	+0.04	+0.8	13.0 12.3	4, 3
5334	+0.04	+0.2	10.4	5
5340	−0.03	−0.4	4.2	4
5371	0.00	−0.7	7.6	4
5397	+0.03	0.0	3.0	1
5401	−0.03	0.0	10.3 13.2	3, 5
5420	−0.02	+0.4	3.0	2
5424	−0.02	0.0	4.1	5
5445	+0.02	0.0	1.9	2
5494	−0.02	0.0	6.4	5
		16^h		
5512	−0.02	−1.3	11.0	5
5525	+0.01	−1.5	4.2 4.0	1
5556	−0.01	−1.4	2.9	1
5570	+0.07	−0.7	8.3 10.8	4, 5
5573	−0.12	+0.4	2.1	4
5575	−0.06	−1.2	4.8	5
5578	−0.08	+0.2	5.4 5.7	3, 4
5600	−0.06	+1.0	1.7	4
5619	−0.21	−1.1	2.4	2

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
5629	−0.03	+2.0	7.5	5
5642	−0.04	−0.2	5.1	4
5691	−0.35	−0.5	11.0	1
5714	−0.05	0.0	10.4 9.7	6, 5
5736	+0.07	−1.4	4.4	2
5762	−0.12	+0.6	6.0	5
5766	+0.14	+0.6	12.2 11.3	5
5769	−0.10	+0.5	5.7	5
5795	−0.01	+0.4	2.9	2
5804	+0.05	+0.2	6.7	4
5817	+0.01	+0.1	3.5	2
		17^h		
5847	+0.09	−2.0	3.1	1
5900	−0.13	+1.6	6.0	2
5923	+0.03	−1.2	3.9	1
5941	−0.06	−0.8	4.4	5
6002	−0.07	+0.3	5.5	5
6043	−0.08	+0.4	6.0 6.2	5, 4
6058	−0.12	+0.8	4.7	5
6075	—	−1.8	14.2	3
6086	0.00	−1.4	9.7	5
6152	−0.07	−0.9	2.3	4
6196	−0.10	−0.5	4.1	1
6203	+0.05	+0.2	0.4	1
6214	+0.10	+0.6	11.7	5
6283	−0.16	−2.2	3.7	4
		18^h		
6356	+0.22	+0.1	10.3	5
6361	0.00	−0.1	3.9	4
6385	−0.01	−0.5	5.3	5
6398	−0.01	+0.5	3.0	2
6421	−0.05	+0.7	8.2	5
6427	+0.16	+0.3	13.1	5
6429	−0.05	+0.1	0.9	2, 3
6443	0.00	−0.9	3.4	3
6459	+0.04	−0.5	5.3 5.0	4, 5
6483	+0.11	−0.4	13.8 12.0	5
6505	−0.04	−2.0	4.7	5
6514	0.00	−0.2	2.2	4
6541	+0.01	−1.0	8.0	5
6545	−0.02	+0.1	0.7	3
6565	+0.05	−1.1	10.1	4, 5
6642	+0.14	−1.1	11.3	5
6672	0.00	−0.1	3.5	3
6687	+0.04	−0.1	7.3 11.7	1, 2
6729	+0.02	−1.0	15.9 12.1	4, 6
6763	−0.20	−0.1	1.5	2
6782	−0.02	0.0	5.6	5
6792	+0.15	0.0	9.9	5
		19^h		
6844	+0.04	+1.3	5.0	5
6847	−0.09	−1.1	7.3	5
6853	−0.07	−0.3	2.1	4
6866	−0.04	−1.0	3.0	4
6877	−0.05	+0.6	4.9	5
6893	−0.02	−0.5	−0.1	3
6911	+0.10	−0.1	4.3	5
6936	+0.03	−0.8	14.1 9.8	5, 4
7017	−0.04	0.0	0.6	1
7022	+0.02	0.0	4.0	5
7041	+0.33	−0.4	11.6 12.2	2, 5
7055	+0.04	−0.1	0.6	4
7091	−0.02	−2.8	9.1	5
7092	−0.17	+0.7	5.1	5
7110	+0.07	+0.5	1.8	5
7149	+0.04	+0.2	3.0	5

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
7180	−0.09	−0.1	4.1	6
7188	+0.06	−0.6	11.4	5
7198	0.00	+2.2	1.5	4
7205	+0.21	+1.8	3.6	1
7221	−0.01	−0.1	4.5	5
7229	+0.03	−2.5	8.6	5
7231	+0.08	+0.1	4.0	4
7258	−0.04	−1.5	2.9	3
7264	+0.23	−0.2	11.3	5
7268	+0.09	−0.3	6.6	5
7275	0.00	+0.6	9.7	4
7283	−0.05	−0.5	3.6 7.7	3, 4
7315	+0.02	−0.1	7.6	5
7328	+0.04	−1.6	5.6	5
7368	−0.05	+0.2	8.3	5
7370	−0.05	0.0	4.1	5
7429	+0.15	+1.5	8.2	2
7434	+0.02	−0.4	4.4	1
7445	+0.04	+0.3	3.5	5
		20^h		
7466	+0.01	+1.6	3.6	1
7533	−0.06	+0.1	5.1	4
7538	+0.02	−0.7	12.5 13.3	5
7548	+0.05	−1.1	1.1	3
7573	+0.13	+0.9	7.0	5
7589	−0.02	−0.3	13.2	5
7625	−0.15	−1.9	2.0	1
7647	+0.09	−0.7	10.1	5
7694	−0.10	−0.6	5.5	5
7719	−0.06	−1.9	8.1	5
7751	+0.17	+0.4	2.6	5
7762	+0.16	+1.3	10.1	5
7778	+0.10	−0.5	2.2	5
7839	+0.17	−0.7	11.0	5
7867	+0.06	−0.2	4.0 7.4	4, 5

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
7890	+0.02	−0.1	2.0 8.7	2, 3
7945	+0.03	−0.6	8.2	5
7978	−0.05	−0.1	2.2	4
8024	−0.04	−1.2	10.9 11.2	4, 6
8025	+0.03	−0.5	1.0	1
8026	0.00	0.0	1.7	6
8053	−0.03	0.0	2.1	4
		21^h		
8145	+0.04	−0.4	10.3	5
8171	+0.05	+0.6	10.6	5
8181	+0.08	+0.8	10.1 8.9	6, 5
8210	−0.08	+1.0	1.8	3
8212	0.00	−0.8	−0.4	1
8217	−0.02	+1.8	0.1	1
8234	+0.05	−0.1	5.0	5
8244	+0.01	0.0	8.2	4
8276-7	+0.24	−0.8	11.5 10.6	6, 5
8281	+0.16	+1.0	9.0	5
8292	+0.16	−0.9	13.8 12.1	5, 3
8326	+0.08	+1.0	9.4	5
8331	+0.16	+1.0	7.4 8.8	4, 5
8344	+0.09	+0.5	1.5	3
8345	+0.03	+0.2	11.2 12.0	5
8365	+0.14	−0.1	3.6	3
8406	+0.06	+0.1	9.6	6
8412	−0.04	−0.6	7.7	5
8424	+0.06	+0.1	9.1	5
8425	+0.07	+3.2	1.9	1
8434	+0.04	−0.5	8.6	5
8478	+0.07	+0.7	4.9	5
8484	+0.06	−0.1	3.4 3.6	3, 5
8495	+0.13	−0.9	6.3	5

Nr.	Berl. — Arm. Δα	Δδ	ΔEp.	Anz. Arm.
		22^h		
8536	+0.05	−0.5	9.2 9.6	4, 6
8556	+0.17	—	15.1	1
8557	−0.05	−0.7	9.3 9.6	4, 5
8559	+0.31	+2.2	15.5 15.9	2, 1
8567	+0.13	+0.6	4.9	5
8646	+0.14	+0.9	9.0 8.0	6, 5
8693	+0.10	+0.4	8.0	5
8711	+0.08	+0.7	1.3	3
8733	+0.09	+0.1	8.0 9.4	5, 6
8747	+0.17	+0.2	6.1	5
8812	−0.02	+0.4	5.4 7.8	1, 3
8828	+0.08	−0.8	21.0 21.9	1
8831	+0.21	+1.7	8.0 12.4	1, 3
8834	+0.08	−0.4	4.4	4
8838	+0.13	+1.8	9.2 12.1	5, 8
8846	+0.03	+1.1	10.7 11.4	4, 6
8848	−0.01	+0.2	3.9	4
		23^h		
8860	+0.07	−0.2	6.6	5
8894	+0.04	−0.2	3.9	4, 5
8904	+0.03	−1.0	4.4	4
8945	+0.05	+0.4	6.0	5
8959	−0.02	+0.2	9.6 10.0	5, 6
8960	0.00	−1.1	8.2 9.8	4, 5
9045	+0.23	−2.8	7.4	1
9082	+0.04	+0.1	9.7 10.4	5, 7
9092	+0.09	+2.4	4.5 8.0	2, 3
9095	+0.07	+0.9	12.2 13.3	5, 7
9108	−0.01	+0.5	8.4 9.4	5, 6
9143	−0.01	−0.1	12.1	6
9149	+0.09	+2.6	5.1 8.5	3, 6
9185	+0.13	−1.0	11.0 12.0	5, 6
9205	+0.16	+1.4	9.1 10.0	6
9206	−0.01	0.0	2.6	5

Die Sterne gehören mit wenigen Ausnahmen der 6., 7. und 8. Grössenclasse an, die mittlere Grösse ist 7.1. Die Rectascension Arm. 2127 ist um 2^s vergrössert worden.

Unter Berücksichtigung der bekannten eigenen Bewegungen ergeben sich in den einzelnen Stunden die Mittelwerthe:

RA.	Berl. — Arm.		RA.	Berl. — Arm.	
0^{h}45	+0^{s}022 (12)	+0$''$44 (13)	12^{h}67	+0^{s}030 (8)	+0$''$42 (10)
1.55	+0.058 (11)	+1.22 (12)	13.31	−0.012 (4)	−0.38 (4)
2.42	+0.112 (8)	+0.33 (9)	14.44	−0.047 (14)	+0.22 (13)
3.47	+0.046 (8)	+0.16 (9)	15.53	+0.005 (12)	−0.14 (12)
4.52	+0.002 (16)	+0.08 (16)	16.50	−0.043 (20)	−0.14 (20)
5.61	−0.043 (7)	+0.54 (8)	17.54	−0.037 (14)	−0.49 (14)
6.47	+0.006 (7)	+0.90 (7)	18.48	+0.025 (22)	−0.27 (22)
7.52	−0.071 (10)	+0.71 (12)	19.52	+0.026 (35)	−0.07 (35)
8.42	+0.052 (10)	+0.55 (10)	20.46	+0.024 (22)	−0.31 (22)
9.74	+0.052 (4)	−0.15 (4)	21.55	+0.072 (24)	+0.30 (24)
10.55	+0.006 (11)	+0.74 (10)	22.57	+0.100 (17)	+0.49 (16)
11.37	+0.028 (13)	+0.47 (13)	23.57	+0.071 (16)	+0.17 (16)

und hiermit durch graphische Ausgleichung die Reductionswerthe:

0^{h}0	+0^{s}06	+0$''$5	6^{h}0	−0^{s}03	+0$''$6	12^{h}0	+0^{s}02	+0$''$4	18^{h}0	−0^{s}01	−0$''$3
1.0	+0.05	+0.6	7.0	−0.03	+0.7	13.0	0.00	+0.3	19.0	+0.01	−0.2
2.0	+0.07	+0.7	8.0	+0.01	+0.6	14.0	−0.02	+0.1	20.0	+0.03	−0.1
3.0	+0.06	+0.5	9.0	+0.03	+0.5	15.0	−0.03	0.0	21.0	+0.05	0.0
4.0	+0.03	+0.2	10.0	+0.03	+0.5	16.0	−0.03	−0.1	22.0	+0.07	+0.2
5.0	−0.01	+0.3	11.0	+0.03	+0.5	17.0	−0.02	−0.3	23.0	+0.08	+0.3

Pulkowa 1875, Catalog von 5634 Sternen von H. Romberg.

Nr.	Berl. — Romb. Δα	Δδ	ΔEp.	Anz. R.
	0h			
67	+0.06	0.0	3.6	5
91	+0.02	−1.5	3.2	6
97	0.00	−0.3	2.9	4
113	+0.09	+1.3	2.2	1
174	+0.12	+0.3	4.2	4
180	−0.01	0.0	5.4	4
193	−0.22	−2.4	7.4	5
200	+0.01	−1.1	2.8	2
202	+0.06	+1.1	2.0	2
208	−0.06	−0.2	2.8	2
256	+0.05	−0.8	2.1	1
280	+0.06	+0.6	6.9	4
299	+0.10	−0.4	4.9	4
330	+0.07	−0.4	2.9	2
331	+0.10	−0.2	7.1	5
332	+0.07	−0.6	6.4	4
334	0.00	−0.6	2.9	2
	1h			
351	+0.02	+0.4	4.6	4
361	+0.04	−0.1	7.3	2
389	−0.02	−0.2	6.5	4
507	+0.05	+0.4	6.1	4
545	+0.01	+0.4	5.7	4
546	+0.04	−0.8	6.2	4
563	+0.09	+0.6	4.2	4
575	+0.05	+1.7	7.4	3, 2
576	−0.05	+1.3	4.1	1
582	−0.13	+0.1	3.3	1
586	−0.04	+0.1	5.5	6
587	−0.03	−0.6	6.1	4
596	+0.07	−0.4	6.0	4
598	−0.04	+0.4	6.8	3
600	+0.13	−0.4	3.0	4
628-9	+0.06	−0.8	6.9	4
	2h			
656	+0.13	−0.6	6.7	4
693	−0.01	−0.2	7.2	4
694	−0.02	−0.7	6.7	5
696	−0.04	−0.4	3.3	5
712	0.00	+0.4	5.9	3
713	+0.04	+0.1	6.3	5
787	+0.09	+0.4	6.0	4
788	+0.08	−0.1	6.1	4
816	+0.03	+0.7	4.9	4
841	0.00	+0.1	0.0	4
849	+0.10	−0.5	0.1	4
863	+0.04	−0.4	6.0	6
869	−0.04	−0.3	6.5	4
871	0.00	+0.4	3.4	4
873	−0.04	+0.7	1.2	4
895	+0.08	−0.1	6.0	4
	3h			
984	−0.03	−0.7	4.6	4
1003	+0.05	+0.2	5.5	4
1045	+0.01	−0.3	4.0	4
1046	−0.04	+0.1	4.2	4
1057	−0.06	−0.1	6.3	7
1067	−0.08	−0.8	5.7	4
1083	0.00	0.0	5.5	4

Nr.	Berl. — Romb. Δα	Δδ	ΔEp.	Anz. R.
1105	+0.01	−0.7	5.8	4
1108	+0.08	+1.0	5.7	1
1119	−0.03	−0.4	6.0	4
1128	−0.03	−0.8	6.5	3
1129	−0.02	+0.1	6.6	4
1142	−0.04	+0.3	7.8	3
1149	+0.02	+0.8	1.5	3
1151	0.00	0.0	2.0	2
1152	−0.02	−1.2	6.0	1
1171	−0.09	+0.2	6.3	4
1172	+0.11	+0.1	7.1	4
1174	+0.01	−0.4	7.5	1
1186	+0.02	−0.7	6.9	3
1188	−0.08	+0.5	1.9	1
1192	−0.02	+0.1	7.4	2
1196	−0.01	−1.5	5.1	3
1212	+0.01	−1.1	5.1	4
1216	+0.05	−1.2	6.5	4
1217	−0.03	+0.3	6.5	4
1218	+0.04	−0.4	6.5	1
1221	+0.06	−0.9	5.1	2
1301	−0.05	−0.6	4.0	4
1314	+0.13	−1.1	6.1	4
1319	+0.04	−0.6	7.0	5
1320	+0.04	+0.1	2.3	3
	4h			
1341	−0.06	−0.6	5.2	4
1384	+0.09	0.0	5.4	4
1387	−0.03	−0.7	6.0	4
1392	+0.06	−0.1	7.4	4
1402	+0.02	−0.7	2.6	5
1464	+0.08	+0.2	5.6	4
1495	−0.02	+0.3	6.4	4
1500	0.00	+0.4	1.9	2
1574	−0.02	+0.1	1.0	2
1633	+0.10	+0.3	6.0	4
	5h			
1715	+0.03	−0.1	5.8	4
1716	+0.02	−0.5	6.0	4
1722	+0.07	+0.2	5.5	4
1760	+0.16	+0.2	5.2	4
1761	+0.02	+0.2	6.8	4
1820	−0.10	−1.4	6.9	4
1885	+0.13	−0.2	2.4	4
1886	+0.03	+0.3	7.0	4
1899	−0.01	0.0	4.6	4
1961	+0.06	+0.2	3.4	4
1971	+0.01	+0.3	6.7	4
1972	+0.11	−0.2	2.5	4
1973	−0.09	−0.1	7.0	4
1979	+0.03	+0.9	6.5	3
2042	−0.14	−0.9	6.7	4
2099	−0.08	−0.2	6.0	4
	6h			
2195	−0.04	+0.1	7.2	4
2213	−0.05	+0.2	4.9	3
2369	+0.02	−0.3	5.2	4
2396	+0.03	+0.2	4.0	4
2397	−0.04	−0.2	6.8	4
2414	+0.01	+0.1	6.1	2
2454	−0.05	−0.5	5.9	4

Nr.	Berl. — Romb. Δα	Δδ	ΔEp.	Anz. R.
2482-3	+0.02	0.0	6.7	4
2486	−0.03	−0.2	7.2	4
2487	+0.04	+0.2	3.8	3
2571	+0.05	+0.5	7.7	4
2659	0.00	−0.1	5.3	4
2752	−0.07	+0.2	3.1	3
	7h			
2869	−0.01	+0.2	5.6	4
2929	+0.03	0.0	6.1	5
2969	−0.01	+0.9	4.9	4
2980	+0.06	+0.6	1.9	2
3137	+0.03	+0.7	5.2	4
3187	+0.06	+0.7	1.5	2
3236	+0.01	+0.8	4.3	4
	8h			
3268	0.00	−0.2	6.0	3
3283	+0.05	+0.4	2.8	4
3293	+0.04	+1.1	2.2	2
3309	−0.05	−0.3	2.2	4
3343	−0.04	+0.3	2.1	4
3344	−0.02	−0.4	5.4	4
3377	+0.01	+0.1	2.6	4
3381	0.00	+0.1	5.4	3
3382	−0.05	−0.3	5.4	5
3394	+0.03	0.0	5.4	3
3408	−0.08	+0.2	5.1	1
3416	+0.05	−0.1	0.8	2
3419	−0.05	+1.5	6.5	2
3425	+0.05	+0.7	1.8	4
3441	+0.04	+0.6	1.8	2
3458	+0.22	+0.3	0.9	1
3469	+0.07	−0.2	6.2	4
3470	+0.04	+0.5	1.9	4
3475	−0.04	−0.1	6.2	1
3476	0.00	0.0	0.2	1
3478	+0.07	+0.9	1.0	1
3480	0.00	−0.6	1.0	2
3484	−0.10	+0.1	6.7	1
3508	−0.05	−0.2	4.4	4
3516	−0.06	−0.5	5.1	5
3532	−0.04	+1.7	1.5	1
3549	−0.07	+0.7	3.0	2
3632	−0.02	−0.7	6.5	4
3640	+0.07	+0.3	1.6	3
3651	−0.04	−0.1	2.9	1
	9h			
3656	−0.07	+0.2	5.8	4
3657	−0.01	+0.1	5.9	5
3660	−0.01	+0.4	4.3	4
3666	−0.01	+0.1	3.8	4
3671	−0.04	−0.1	5.3	2
3675	+0.01	−0.2	5.3	2
3676	−0.03	+0.8	1.4	2
3689	+0.02	−0.8	5.7	2
3694	−0.07	−0.7	4.8	3
3695	+0.04	−0.9	4.9	3
3702	−0.04	−0.2	1.5	4
3710	−0.07	−0.3	5.5	4
3717	+0.02	+0.2	2.0	2
3733	−0.07	0.0	5.5	4
3747	−0.05	−0.7	6.4	4

Nr.	Berl. — Romb. Δα	Δδ	ΔEp.	Anz. R.
3771	+0.01	−0.6	1.5	4
3777	+0.02	+0.3	4.3	2
3792	+0.09	−1.4	2.6	1
3799	+0.01	+0.3	4.3	2
3812	+0.04	+0.5	3.2	2
3844	+0.01	+1.0	2.0	2
3845	+0.03	−0.2	1.6	4
3846	0.00	−0.1	2.7	5
3859	+0.09	−0.2	5.5	4
3878	−0.05	0.0	4.3	4
3879	−0.13	+0.6	4.1	4
3913	−0.05	−0.1	2.0	4
	10h			
3961	+0.02	0.0	2.9	4
3963	+0.01	+0.3	2.7	4
3971	−0.05	+0.1	5.3	9
3976	−0.04	0.0	2.5	4
3977	−0.11	−0.8	5.3	9
3981	+0.08	−0.5	2.9	4
3991	−0.23	−0.9	5.8	4
3992	−0.05	−2.3	6.2	7
3994	+0.08	−2.2	5.8	8
3995	+0.10	−1.3	5.8	8
4015	−0.06	+0.6	2.6	4
4032	0.00	−0.5	5.2	4
4033	−0.10	−0.3	4.5	4
4041	−0.06	0.0	5.1	4
4042	−0.05	+0.6	5.8	4
4056	−0.01	+0.8	4.5	4
4057	+0.07	−0.1	5.3	5
4075	−0.06	+0.5	2.0	4
4098	+0.01	−0.2	4.5	4
4131	+0.04	+0.6	4.6	4
	11h			
4213	0.00	−0.3	3.4	13
4219	−0.07	−0.2	5.5	8
4291	+0.03	−1.0	4.8	6, 5
4366	−0.08	+0.4	6.2	7
4386	−0.07	+0.1	4.9	4
4393	+0.05	−0.3	0.1	2
4394	+0.08	+0.5	0.2	3
4422	+0.07	+0.4	5.7	10
4427	+0.12	0.0	1.9	4
4433	+0.12	+0.6	6.2	1
	12h			
4514	+0.11	+0.1	2.7	2
4525	+0.05	−0.9	5.4	2
4549	+0.05	+0.3	5.4	4
4557	0.00	−0.2	2.9	4
4558	+0.14	−0.7	0.1	2
4564	+0.09	−1.0	5.5	4
4571	+0.07	−0.1	1.9	4
4592	+0.07	−0.4	4.1	5
4629	−0.02	−1.1	4.6	4
4630	−0.06	−0.1	5.3	4
4635	+0.05	−0.9	5.3	8
4639	+0.11	+0.2	0.9	4
4682	−0.04	+0.5	5.3	4
4685	−0.09	+0.2	6.5	4

Nr.	Berl. — Romb. Δα	Δδ	ΔEp.	Anz. R.
		13h		
4710	−0.02	+0.1	1.9	2
4805	+0.08	+0.5	0.9	2
4806	+0.16	+0.3	0.4	4
4814	−0.01	−0.4	4.7	4
4852	−0.01	−0.2	5.6	6
4853	0.00	−0.1	2.2	2
4870	−0.01	−0.2	1.5	8
4897	+0.05	+0.1	5.6	5
4899	+0.07	−0.3	−0.1	3
4901	+0.12	+0.1	0.2	4
4949	−0.03	−0.4	4.8	4
		14h		
4985	+0.01	0.0	6.2	4
5045	0.00	−0.3	4.6	4
5065	+0.05	−0.2	2.6	4
5067	+0.03	−0.2	2.5	4
5094	+0.04	+0.1	2.6	4
5095	+0.01	+0.3	6.4	8
5102	+0.11	+0.1	0.0	3
5103	+0.11	+0.3	0.0	4
5126	+0.03	−0.2	2.6	4
5169	−0.07	+1.3	6.5	4
		15h		
5243	+0.02	−0.1	1.8	4
5271	−0.03	0.0	4.4	4
5387	−0.03	−1.3	5.3	5
5430	−0.04	−0.1	5.5	3
5431	+0.03	+0.3	5.3	5
5434	−0.07	+0.5	6.4	4
		16h		
5614	+0.01	−0.7	5.5	4
5627	+0.06	−0.1	2.4	3
5669	+0.04	−0.2	6.5	4
5682	−0.08	−0.4	5.5	5
5683	−0.02	+0.4	6.4	4
5706	+0.09	+0.3	2.0	1
5707	−0.12	+1.5	1.0	1
5713	−0.07	−0.1	6.5	4
5717	−0.02	−0.6	2.9	4
5739	0.00	−0.1	5.6	5
5762	−0.02	+0.6	5.8	4
		17h		
5887	−0.01	−0.3	6.5	4
5888	0.00	−0.6	6.5	4
6038	−0.04	0.0	6.3	4
6091	+0.02	+0.1	6.5	4
6100	+0.03	−0.6	6.4	4
6107	+0.02	+0.2	5.4	4
6121	+0.01	+0.1	6.4	4
6122	−0.07	+0.6	5.9	2
6162	+0.09	−0.8	3.0	4
6202	0.00	−0.7	2.9	5
6203	+0.06	+0.4	6.0	4
6252	+0.07	−0.5	2.2	4
6263	−0.16	−0.1	1.9	2
6270	+0.05	−0.7	5.9	4
6272	−0.02	−0.5	6.5	2
6283	−0.03	−0.1	4.4	4
6284	+0.01	−0.3	6.6	5
6286	+0.01	−0.3	4.2	5
6289	+0.15	−0.1	2.8	2
		18h		
6293	−0.04	−0.3	3.5	4
6295	−0.05	−1.0	5.6	4
6298	+0.07	−1.1	6.6	4
6318	−0.03	−0.9	5.5	2
6319	+0.05	−0.6	2.3	4
6553	+0.06	+0.9	5.5	4
6556	−0.08	−0.1	5.4	6
6590	0.00	−0.3	6.0	4
		19h		
6851	−0.04	−0.6	7.5	5
6852	−0.10	+0.2	6.7	4
6860	+0.02	+0.2	3.4	4
6861	+0.02	−0.2	2.9	4
6893	+0.02	−0.1	3.4	4
6924	+0.04	−0.3	5.5	4
6936	−0.01	−0.7	3.2	2
6976	+0.07	+0.1	2.5	2
6978	−0.06	−0.7	2.5	2
7006	+0.01	+0.6	6.5	6
7012	−0.10	−4.8	6.2	7
7046	−0.07	−0.7	6.2	4
7085	−0.05	−1.0	2.0	1
7170	−0.08	+0.5	5.6	4
7276	+0.08	+0.9	6.5	6
7341	+0.10	+0.5	6.0	3
7349	+0.08	−0.8	6.2	2
7368	+0.15	+0.3	4.4	2
7370	+0.16	−0.3	3.9	2
7430	+0.12	+0.3	6.4	4
7450	−0.55	−6.9	6.7	4
7456	+0.16	+0.2	3.9	2
		20h		
7486	0.00	−0.3	6.5	4
7487	−0.09	+0.1	6.0	4
7514	+0.02	−0.4	6.7	4
7515	0.00	+0.1	6.5	4
7516	−0.02	−0.1	5.8	4
7520	−0.08	+0.7	4.0	2
7538	+0.02	+0.2	2.9	4
7539	−0.01	+0.2	4.5	2
7573	−0.04	+0.2	6.4	4
7581	+0.01	−0.7	6.1	4
7636	0.00	−0.3	1.4	2
7653	+0.05	+0.8	5.1	2
7658	+0.03	+0.2	3.5	2
7690	−0.04	−0.4	4.0	2
7700	−0.02	+0.7	4.6	2
7708	+0.04	+0.7	4.7	2
7746	+0.01	+0.7	4.4	2
7759	+0.02	−0.5	4.8	3
7761	+0.04	0.0	3.3	3
7778	+0.10	−0.3	3.0	4
7815	−0.01	+0.4	3.6	2
7816	+0.06	+0.2	4.0	2
7828	+0.11	−0.8	5.8	4
7831	+0.03	+0.8	5.0	2
8006	+0.02	−0.4	3.6	4
8024	−0.06	−0.3	6.7	3
8031	−0.04	−0.6	4.0	4
8058	+0.04	−1.1	4.7	1
		21h		
8127	+0.24	0.0	6.5	4
8210	+0.04	−0.4	3.5	2
8252	−0.01	+0.1	6.7	3
8269	+0.04	−0.4	3.9	4
8276p.	+0.13	0.0	6.0	4
8277s.	−0.02	+0.7	6.1	4
8292	−0.02	+0.6	5.1	6
8298	+0.02	−0.4	3.8	4
8304	+0.10	+0.3	4.9	4
8308	+0.02	+0.4	2.9	4
8325	+0.10	+0.5	3.8	5
8329	−0.03	−0.4	5.5	4
8331	+0.04	−0.5	4.1	4
8364	−0.10	+0.5	2.3	2
8374	+0.08	+0.4	3.4	2
8376	−0.08	+0.6	4.3	2
8385	−0.04	−0.5	6.2	4
8386	+0.02	−0.6	2.5	2
8390	+0.06	+0.1	1.9	3
8426	+0.01	+0.1	4.3	4
8443	0.00	+0.2	5.0	1
8457	+0.02	0.0	6.1	5
8470	−0.18	+0.2	3.7	1
8490	+0.11	+0.1	5.4	1
		22h		
8619	−0.04	+0.3	5.2	5
8620	+0.18	−0.5	5.7	6
8689	+0.07	+1.6	3.5	4
8702	+0.09	−0.3	3.4	4
8719	+0.01	−0.1	6.6	5
		23h		
8887-8	0.00	−0.4	6.1	7
8890	+0.02	−0.1	2.7	2
8896	−0.01	−0.4	3.3	4
8899	+0.05	−0.2	3.2	3
8903	−0.06	−1.5	2.5	4
8910	+0.12	−0.3	6.4	4
8913	+0.12	−0.6	3.7	3
8932	−0.07	+0.3	6.0	4
8933	−0.06	+0.9	7.5	4
9159	−0.02	−1.7	6.8	4
9160	−0.02	−1.6	5.9	4

Reduction: Berl. — Rbg. (Mittlere Grösse 7.5)

0h.0	+0.02	−0.1	12h.0	+0.03	−0.1
1.0	+0.02	0.0	13.0	+0.04	−0.1
2.0	+0.01	0.0	14.0	+0.03	−0.1
3.0	+0.01	0.0	15.0	+0.02	0.0
4.0	+0.01	−0.1	16.0	+0.01	0.0
5.0	+0.01	−0.1	17.0	+0.01	−0.1
6.0	+0.01	0.0	18.0	+0.01	−0.2
7.0	+0.01	+0.1	19.0	+0.01	−0.2
8.0	+0.01	+0.2	20.0	+0.02	−0.1
9.0	+0.01	+0.1	21.0	+0.02	0.0
10.0	+0.01	0.0	22.0	+0.02	0.0
11.0	+0.02	−0.1	23.0	+0.02	−0.1

Greenwich Ten-year Catalogue.

Nr.	Berl. — Grw. Δα	Δδ	ΔEp.	Anz. Gr.
		0^h		
12	−0ˢ.08	+0″.1	−2ᵃ.4	3
26	+0.07	+0.7	+2.0	3
43	+0.09	+0.2	+1.8	3
180	0.00	+1.3	+3.3	3
208	0.00	−0.7	−0.1 −1.1	4, 5
280	+0.03	+1.1	+1.3 +1.7	3, 7
292	0.00	+0.2	+1.4	3, 11
		1^h		
355	+0.03	−1.1	+1.3	3
361	+0.05	+0.4	−1.6	3
450	+0.04	+0.7	−1.1	1
451	+0.11	+0.4	−0.4	2, 4
507	0.00	+0.2	+0.5	3
575	−0.04	+1.3	+2.5	1
586	−0.04	+0.8	+2.0 +0.5	6, 11
587	−0.05	+0.1	+2.7	4
607	+0.12	−0.1	−4.9	3
631	+0.03	0.0	0.0	3
		2^h		
661	+0.01	+0.9	−2.5	5, 6
701	+0.07	+0.4	−0.4 −1.3	4, 8
748	+0.01	−1.2	+0.3	3
752	+0.01	0.0	−3.4	4
787	0.00	+1.0	−3.3 −3.0	8, 12
788	−0.05	+0.8	−3.4 −3.2	7, 8
869	+0.02	+0.1	+0.1 −0.6	34, 31
		3^h		
950	−0.05	−0.2	+1.2 +1.5	5, 9
992	+0.03	+0.1	−1.9 −0.5	34, 26
1000	+0.03	−0.8	−0.3	1
1005	+0.05	+0.4	−2.1 −1.5	7, 11
1008	−0.02	+0.5	+0.3	6
1024	−0.01	−0.4	0.0 −0.2	4, 5
1057	−0.05	+0.9	−0.7 0.0	3, 8
1071	−0.05	−0.4	−0.6 −1.3	3, 9
1084	+0.05	+0.5	−0.3	4
1092	0.00	−0.3	−2.4 −2.9	25, 15
1118	+0.08	+1.1	−2.9	3
1129	+0.03	+0.3	−4.0	3
1142	+0.03	+0.5	−2.5	6
1152	−0.03	+0.9	+0.8	4
1167	+0.09	+2.1	−0.3	1
1168	+0.01	+0.2	+1.0 −0.1	6, 9
1196	+0.05	−1.3	+0.9 +0.6	5, 6
1213	−0.01	+1.4	−3.9	3
1216	−0.04	0.0	−1.9	4
1228	+0.02	−0.6	−5.3	4
1314	+0.01	−0.6	−0.8	23, 24
1319	0.00	+0.1	+2.1 +1.9	6, 7
1320	0.00	−0.3	+1.1 +0.5	5
		4^h		
1391	+0.10	+0.3	+1.6	5
1402	+0.02	−0.4	−5.9	3, 2
1417	+0.05	+1.7	+1.9	1
1424	+0.07	+0.2	+2.3	5, 7
1425	+0.02	−0.4	+1.3	5
1429	−0.01	+0.9	−0.5	3
1434	+0.02	+0.3	−1.8 +1.1	3, 5
1437	+0.02	+0.1	−0.9 −1.2	5, 4
1476	−0ˢ.05	−1″.2	−1″.3	3
1500	+0.02	+0.6	−0.9	8, 11
1581	−0.03	+0.3	+1.7	6
		5^h		
1643	0.00	+1.3	−0.7	2
1645	+0.05	+0.6	−0.2 +0.7	3, 5
1701	−0.01	+1.2	−0.7	3, 4
1749	+0.02	+0.4	+0.9 +0.4	6, 5
1761	+0.01	+1.0	+2.6	2
1789	+0.08	+0.5	−4.9	3
1801	−0.01	+1.6	+2.2 +2.5	5, 6
1849	+0.04	+1.3	−0.5	5
1883	−0.02	+0.3	−1.9 +0.1	3, 5
1897	−0.01	+0.7	−0.3 −0.9	6, 8
1971	−0.01	+0.4	−1.5	4
2030	−0.06	+0.4	−3.1	1
2042	+0.01	+0.3	−1.7	12
2062	0.00	+0.7	−3.8 −3.6	3, 4
2122	+0.04	−0.4	+0.6	5
2150	+0.06	+0.1	−1.9	11
2151	+0.06	+0.4	−0.6 −1.1	27
2170	+0.02	+0.9	+0.9	3
		6^h		
2215	+0.04	+0.5	−1.3	5, 4
2216	+0.07	+0.8	−0.8 +0.7	4, 10
2230	−0.06	+1.2	+2.9	2
2240	−0.01	+0.4	−0.7 0.0	4, 6
2302	−0.05	−1.2	+2.6	1
2373	−0.01	−0.1	−0.9	1
2382	+0.01	+0.8	−1.6 +0.6	2, 4
2396	−0.02	+0.3	+1.3	5
2397	−0.02	+0.3	+1.3	6
2412	+0.02	+0.4	−1.0	5
2414	+0.04	+0.1	−1.0 −1.4	40, 31
2630	+0.02	+0.4	−2.7	5
2633	−0.01	+0.6	−5.2	4
2735	+0.03	+0.6	−0.1 −0.3	5, 12
2752	+0.05	+0.2	−4.8	4
2759	0.00	−1.0	−3.0	1
		7^h		
2830	−0.01	+1.2	−1.6 −1.7	4, 7
2842	+0.01	+0.9	−0.8	3
2845	+0.06	+4.8	−1.1	1
2923	+0.04	+1.6	−2.8	5
2945	+0.05	+0.4	−1.2	4, 3
2947	+0.01	0.0	+1.2	1
2953	+0.05	+0.1	−0.4 +1.4	3, 7
3000	−0.02	+1.7	+0.9	3
3001	+0.10	+0.9	+0.5	1
3041	−0.02	0.0	−5.6	3
3051	+0.02	+1.3	−0.5	7
3061	−0.01	+0.2	−2.1	4
3159	+0.04	+1.2	−1.8	5
3177	−0.03	+1.4	0.0	1
3234	+0.06	+0.3	−3.4 −3.2	3, 4
3258	+0.04	+1.0	+0.7	7
		8^h		
3268	+0.03	+0.5	−0.8 −0.3	3, 6
3343	−0.01	−0.8	+1.0	3
3344	+0.05	+0.4	−3.8	9, 10
3381	0ˢ.00	+1″.1	−3ᵃ.5 −3ᵃ.3	6, 4
3382	−0.01	+1.2	−3.3 −3.2	2, 3
3394	+0.03	+1.1	−2.3 −2.4	4, 5
3408	+0.09	+0.9	−2.6 −1.1	5, 9
3436	+0.02	+0.4	+1.0	3
3476	+0.02	+0.6	+1.5	4
3478	+0.02	+0.5	+2.0	3
3480	+0.08	0.0	+2.0	3
3484	−0.01	+1.1	+0.1	3
3488	−0.14	+2.2	+1.0	1
3495	0.00	+0.2	+1.6	5
3500	−0.02	+0.3	+0.3	3
3516	+0.04	+0.3	−2.9 −2.3	28, 40
3632	+0.06	−0.2	+1.3 −0.7	4, 7
		9^h		
3671	+0.02	+0.4	−2.0	7, 9
3675	+0.09	+0.6	−4.7 −2.5	2, 3
3689	0.00	+0.3	−1.5	4
3782	−0.01	+0.9	+3.0 +1.3	3, 8
3812	+0.06	+0.6	−2.6	1
3830	+0.09	−0.1	−3.2	3
3851	+0.01	+0.1	−4.0	3
3893	−0.02	−0.4	−2.7	3
3913	+0.02	+0.7	+2.2 +1.3	3, 8
		10^h		
3971	−0.04	−0.4	+2.0	3
3977	+0.08	+0.4	−0.3 −0.1	3, 5
3992	+0.06	+0.2	−4.1 −3.4	2, 3
3994	−0.01	0.0	−1.5 −2.2	55, 50
3995	+0.03	+0.2	+0.1 −0.8	8, 11
4166	+0.04	+0.3	+0.7 +1.1	5, 7
		11^h		
4219	+0.08	0.0	+0.8	3
4334	0.00	+0.1	+1.1 +0.1	5, 8
4366	0.00	+0.7	+1.8 +2.1	3, 4
4422	0.00	+0.5	+1.1 +0.6	6, 14
		12^h		
4476	+0.05	+0.3	−2.3 +0.9	2, 8
4490	+0.01	−0.1	+0.4 −1.3	3, 10
4514	+0.08	+1.3	+2.5	3
4525	+0.04	−0.2	−3.1 −3.4	4, 7
4572	0.00	+0.6	+0.6	3, 7
4635	+0.09	−0.2	−0.2 −1.0	4, 10
		13^h		
4694	−0.02	+0.2	+2.5 +0.6	6, 9
4778	+0.06	+0.7	−4.0	3
4805	+0.08	−0.4	+1.7	4
4806	+0.02	+0.1	+1.8 +1.3	6
4852	0.00	−0.1	+0.9 +0.4	3, 10
4854	+0.01	0.0	+0.5 −0.2	3, 7
4942	0.00	+0.1	+1.6 +1.5	4, 9
		14^h		
5126	+0.05	+0.6	+1.7	3
5169-70	+0.05	+0.8	−2.8	5
5182	+0.04	−0.2	+0.7	3

Nr.	Berl. — Grw. Δα	Δδ	ΔEp.	Anz. Gr.
		15^h		
5282	$+0^s.05$	$+0''.6$	$-2^a.8$	3
5373	+0.06	+0.9	−5.0	3
5387	+0.07	−0.1	−4.1 −3.9	8, 10
5445	−0.02	−0.9	+0.6 +0.2	4, 3
5490	−0.01	−0.4	−0.1 −1.4	3, 9
		16^h		
5525	−0.03	+0.5	−2.1	3
5540	−0.03	−0.2	−3.6	3
5626	−0.04	−0.2	−3.3	3
5691	−0.02	+0.2	−3.4	3
5766	+0.03	−0.2	+1.2	3
5804	+0.07	−0.2	+1.9	3
		17^h		
5847	−0.03	−0.6	+1.7	3
5878	−0.05	+0.4	+0.7	5
5879	0.00	+0.7	+1.8	4
5935	0.00	−0.4	+0.1 +1.3	4, 20
5956	+0.12	0.0	−3.1 −3.2	4, 6
5976	+0.03	−0.6	+2.1 +0.9	4, 8
6010	−0.01	+0.3	−2.5	3, 5
6038	+0.01	+1.1	−2.8	3
6054	+0.12	−0.3	−3.0	3, 4
6082	−0.06	+0.2	+0.4	4
6087	−0.01	−0.1	+1.4	4
6100	+0.04	−0.3	+1.2	3
6107	+0.01	0.0	+1.5 +0.2	5, 8
6137	+0.05	−1.4	+0.9	3
6162	+0.08	+0.1	−3.0 −3.4	3, 5
6202	+0.07	−0.4	−1.2	4
6253	+0.04	−0.1	−4.1	3
6270	0.00	−0.1	+0.2 −0.3	5, 4
6272	+0.01	−0.5	+0.3	3

Nr.	Berl. — Grw. Δα	Δδ	ΔEp.	Anz. Gr.
		18^h		
6298	$+0^s.06$	$-1''.4$	$-0^a.4$	2
6319	+0.06	−0.3	+1.4 +2.1	4, 9
6433	−0.03	−0.4	+0.3	3
6486	+0.04	+0.2	+2.0 +2.4	3, 5
6494	+0.02	+0.3	+2.5 +0.8	6, 17
6528	+0.02	+1.5	+3.3 +0.9	6, 29
6556	−0.04	+0.4	+2.4 +0.8	6, 14
6635	+0.04	+0.5	−1.7 −2.1	3, 5
6668	+0.05	+0.3	−4.8	3
6674	−0.07	+0.6	−1.8	1
6677	−0.05	+1.4	−2.4	2
6732	+0.05	−0.1	+1.0 +0.5	4, 8
6793	+0.04	+0.3	+1.6	3
		19^h		
6846	−0.01	+0.6	−2.2	5, 7
6860	+0.03	0.0	−2.4 −2.8	4, 6
6861	−0.01	+1.0	−3.1	4
6924	−0.03	−0.1	+1.7 +0.4	3, 20
6936	+0.07	+0.2	−3.7	3
7012	0.00	−1.7	+0.5 +1.6	4, 10
7046	+0.05	+0.6	−1.4 −0.9	58, 40
7050	−0.02	+0.6	+1.2 +0.6	11, 10
7316	−0.02	−0.9	−1.5	3
7328	+0.02	+0.8	−1.3 −1.8	8, 7
7341	0.00	+0.2	+1.7 +1.1	3, 4
7397	−0.03	+0.3	−1.7 −2.4	4, 14
7429	+0.04	+0.1	−1.3 −1.6	5, 7
7430	+0.04	−0.3	+2.8	3
7450	+0.17	+2.6	−2.5 −3.0	7, 4
		20^h		
7485	+0.02	+0.1	+0.9 −0.6	4, 17
7538	+0.08	+0.5	+1.8	3
7589	0.00	−0.3	−0.4 −0.8	7, 8
7694	0.00	+0.7	+2.4	3

Nr.	Berl. — Grw. Δα	Δδ	ΔEp.	Anz. Gr.
7809	$-0^s.04$	$+1''.9$	$-5^a.0$	1
7832	+0.04	+0.2	−2.1 −2.5	3, 4
7833	0.00	+1.1	−2.5 −3.3	3, 5
7839	−0.01	+0.1	+3.2	3
7912	+0.01	−0.5	+2.0 +2.8	4, 9
8024	−0.06	−0.4	+0.3 +1.6	6, 14
8075	−0.09	−0.4	−1.7	4
		21^h		
8181	+0.05	+0.6	+1.9	3
8187	+0.06	+0.4	−0.8 −0.3	4, 10
8208	+0.05	+0.2	+2.3 +1.4	3, 8
8244	+0.03	+0.1	+2.9	3
8252	+0.03	+0.4	+1.3 +0.4	3, 13
8460	+0.04	−1.4	+0.5	4
8463	−0.01	+0.2	−1.2 −1.7	9, 11
		22^h		
8547	+0.03	+0.4	−3.5	4
8619	+0.04	+0.1	−4.0	6
8620	+0.03	+0.2	−0.8 −1.4	6, 8
8645	−0.03	+0.8	+2.6	3
8646	−0.06	+0.5	+3.1	3
8831	+0.08	−0.7	+0.6 +1.1	2, 3
		23^h		
8859	−0.04	+0.4	+2.2 +1.4	3, 9
8860	−0.03	+0.2	−4.5	3
8894	+0.04	−0.1	−2.3	3, 4
9006	+0.07	−0.4	−5.9	3, 4
9010	+0.06	−0.5	−5.9	3, 4
9026	+0.06	−0.2	+3.6	3
9036	+0.01	−0.3	−4.2 −4.0	8, 12
9139	+0.02	0.0	+0.8 +2.2	3, 5
9143	+0.02	−0.7	−5.9	6, 5
9149	0.00	−0.2	+1.9	3
9157	+0.09	+0.4	+3.0 +2.0	5, 12
9174	+0.02	+0.4	−5.1	4, 3

Die Rectascension Gr. 2669 ist durch einen Druckfehler entstellt und muss $13^s.476$ heissen, die Rectascension Gr. 3023 ist mit der fehlerhaften Praecession $2^s.4063$ statt $2^s.4630$ übertragen und zu verbessern: $18^s.749$.

Reduction: Berl. — Grw. 10 y. (Mittlere Sterngrösse 6.2)

$0^h.0$	$+0^s.02$	$+0''.1$	$12^h.0$	$+0^s.03$	$+0''.2$
1.0	+0.02	+0.2	13.0	+0.03	+0.2
2.0	+0.02	+0.2	14.0	+0.03	+0.2
3.0	+0.02	+0.2	15.0	+0.03	+0.1
4.0	+0.01	+0.3	16.0	+0.02	0.0
5.0	+0.01	+0.4	17.0	+0.02	0.0
6.0	+0.01	+0.5	18.0	+0.01	0.0
7.0	+0.01	+0.6	19.0	+0.01	+0.1
8.0	+0.01	+0.6	20.0	+0.01	+0.2
9.0	+0.02	+0.4	21.0	+0.01	+0.2
10.0	+0.02	+0.2	22.0	+0.02	+0.2
11.0	+0.03	+0.2	23.0	+0.02	+0.1

Zweites Münchener Sternverzeichniss (Bauschinger).

Nr.	Berl. — M. II Δα	Δδ	ΔEp.	Anz. M.	Nr.	Berl. — M. II Δα	Δδ	ΔEp.	Anz. M.	Nr.	Berl. — M. II Δα	Δδ	ΔEp.	Anz. M.	Nr.	Berl. — M. II Δα	Δδ	ΔEp.	Anz. M.
			—					—					—					—	
		0^h			42	$+0^s.10$	$-1''.4$	$3^a.2$	1	76	$+0^s.16$	$-2''.5$	$3^a.7$	1	106	$+0^s.29$	$-1''.3$	$4^a.4$	1
2	$-0^s.10$	$-0''.5$	$6^a.6$	1	45	−0.02	+1.2	3.2	1	77	+0.22	−1.7	5.8	1	112	+0.23	+0.1	4.4	1
3	+0.03	−1.1	4.1	1	48	+0.03	+0.5	4.0	1	88	+0.14	+0.4	5.0	2	117	+0.06	−1.3	4.4	1
8	+0.14	−1.7	4.5	1	53	−0.06	+0.3	3.4	2	91	0.00	+0.6	5.5	1	120	+0.14	−0.4	3.4	1
25	+0.11	+0.7	3.8	1	57	−0.01	+0.2	3.3	2	96	+0.17	+1.2	3.5	1	123	+0.15	−1.2	4.0	2
29	+0.02	−0.3	3.2	1	64	−0.02	−0.9	4.4	1	100	+0.08	−1.3	4.5	1	131	+0.10	−1.4	4.4	1

Nr.	Berl. — M. II Δα	Δδ	ΔEp. —	Anz. M.
142	+0.19	−0.6	4.4	1
147	+0.04	−1.6	4.5	1
161	+0.21	+0.1	4.1	1
171	−0.03	−0.2	4.2	2
176	+0.06	+0.9	4.5	1
182	+0.03	−0.1	4.6	1
185	−0.03	−1.4	2.7	1
201	0.00	−2.8	3.0	1
205	+0.04	−0.1	3.1	1
209	+0.05	−2.5	3.6	1
224	+0.18	+0.1	3.5	1
232	−0.02	−0.6	2.5	1
247	+0.07	−0.9	4.1	1
254	+0.08	+0.1	3.1	1
261	+0.05	−1.7	5.0	1
287	−0.13	−1.0	2.7	1
290	+0.12	−1.0	4.0	1
302	−0.09	−0.7	4.0	1
311	0.00	−2.1	3.8	1
314	−0.12	+1.5	3.6	1
316	+0.06	−1.5	3.9	1
318	+0.01	−0.6	3.5	1
320	+0.04	−2.1	3.6	1
321	−0.13	0.0	3.1	1
336	−0.01	−0.4	3.9	3
		1h		
342	−0.10	+0.7	5.4	2
350	+0.07	+0.1	4.0	1
351	−0.05	+0.2	2.7	1
354	+0.30	−2.0	4.3	1
357	0.00	−0.7	2.5	2
362	+0.30	−1.7	3.7	1
363	+0.06	−2.2	4.0	1
364	+0.09	−0.2	3.3	1
369	+0.09	−0.3	3.0	1
378	−0.02	−1.0	4.5	3
393	−0.07	−0.7	2.8	1
416	+0.15	−0.8	3.8	1
		18h		
6697	+0.24	−1.2	5.0	1
6733	+0.10	+1.1	5.2	1
6747	+0.25	−1.6	6.1	1
6754	+0.13	+1.3	5.1	1
6771	+0.11	+0.6	4.1	1
6777	+0.23	−0.9	5.1	1
6790	+0.29	−0.6	5.9	3
6802	+0.27	−0.5	5.1	1
6829	+0.13	+0.4	7.3	2
		19h		
6836	+0.30	+0.4	5.5	1
6891	+0.10	−0.6	5.2	1
6901	+0.31	−1.3	7.1	1
6902	+0.09	0.0	4.8	1
6919	+0.21	−1.7	6.1	1

Nr.	Berl. — M. II Δα	Δδ	ΔEp. —	Anz. M.
6971	+0.28	−2.5	6.0	1
6985	−0.02	−1.5	6.2	1
6988	+0.02	−1.4	6.6	1
6993	+0.19	+0.8	6.5	1
7006-7	+0.05	+0.3	6.4	1
7011	−0.03	+0.8	7.2	1
7018	+0.30	−2.0	5.6	1
7052	+0.17	−0.6	4.1	1
7073	+0.25	−1.6	5.5	2
7079	+0.22	+0.3	6.0	1
7084	+0.03	−0.7	5.0	2
7130	+0.06	−1.5	4.0	1
7133	−0.03	−0.7	5.5	1
7159	−0.20	−0.1	5.7	1
7163	−0.02	−1.0	4.0	1
7164	+0.28	−1.4	6.0	1
7193	−0.09	−1.2	5.1	1
7194	−0.20	−2.4	3.2	1
7242	+0.06	−0.2	4.0	1
7243	+0.16	−1.6	6.0	1
7260	+0.11	+1.6	6.0	1
7281	+0.23	−2.2	7.5	1
7282	+0.01	−1.2	5.9	1
7291	+0.08	+1.7	5.6	2
7298	−0.03	0.0	7.0	1
7307	+0.08	−1.0	5.4	1
7317	−0.04	−1.2	4.1	1
7344	+0.01	−1.8	4.0	1
7346	+0.13	−2.0	5.7	1
7381	+0.29	−1.8	6.1	1
7388	+0.24	−0.4	5.5	2
7400	+0.17	−4.2	6.0	1
7402	+0.11	−0.5	3.5	1
7412	+0.06	−1.0	7.1	1
7416	+0.26	+0.5	7.0	1
		20h		
7473	+0.11	+0.4	4.7	1
7494	−0.08	+0.8	4.0	1
7511	0.00	−2.0	4.0	1
7543	+0.10	−1.9	6.0	1
7550	+0.10	−1.3	6.6	1
7574	+0.10	−1.4	5.7	2
7578	+0.08	−0.5	6.4	1
7580	+0.02	−0.5	4.9	1
7591	−0.10	−1.0	3.9	1
7606	+0.17	−0.8	3.0	1
7613	+0.14	−1.5	5.9	1
7620	+0.13	−2.1	2.5	1
7632	−0.05	−2.6	5.1	2
7665	+0.19	−0.3	5.4	1
7671	−0.14	−2.2	6.4	1
7676	+0.01	−2.0	5.2	2
7683	+0.03	−0.7	4.5	1
7688	+0.08	−2.3	4.0	1
7691	+0.02	−0.9	4.0	1

Nr.	Berl. — M. II Δα	Δδ	ΔEp. —	Anz. M.
7743	+0.17	−2.1	5.1	1
7744	+0.28	−2.3	4.5	1
7807	+0.27	−0.4	5.7	1
7812	+0.07	+1.9	3.7	1
7843	0.00	−1.2	3.4	1
7844	+0.11	−2.4	4.1	1
7845	+0.25	−1.3	5.9	1
7857	−0.10	−0.4	3.8	1
7868	−0.14	−2.2	4.4	1
7870	+0.05	−1.8	4.0	1
7879	+0.08	+1.6	3.5	1
7891	+0.19	+0.8	3.6	1
7966	+0.18	−2.2	4.6	1
8010	+0.15	−0.8	4.0	1
8014	+0.15	−2.6	5.9	1
8023	+0.05	−1.6	3.9	1
8038	+0.22	−0.8	5.4	2
8040	−0.03	+0.2	4.4	1
8043	+0.10	−0.7	4.9	2
		21h		
8086	+0.05	−0.8	4.4	1
8089	+0.13	−3.1	4.5	1
8111	+0.40	0.0	5.4	1
8146	+0.13	−0.5	4.5	1
8222	−0.07	−1.7	5.1	1
8233	+0.27	+0.1	6.3	1
8312	−0.09	−0.3	3.7	1
8344	+0.07	−1.2	3.5	3
8346	+0.05	−2.2	5.2	1
8352	+0.13	+0.4	4.1	1
8368	−0.05	+0.4	3.0	1
8369	−0.10	−0.3	3.8	1
8408	+0.13	−1.8	5.0	1
8482	+0.14	−2.2	6.0	1
8496	−0.03	−0.4	4.5	1
8507	+0.11	−0.4	4.2	1
		22h		
8515	−0.08	−2.1	6.3	1
8539	−0.10	+0.5	6.1	1
8555	+0.15	−2.3	4.5	1
8593	+0.15	+1.9	7.2	1
8596	−0.11	+0.2	4.6	1
8612	+0.08	−1.4	4.1	1
8623	−0.19	−0.8	3.6	1
8627	−0.06	−0.3	3.6	1
8632	+0.04	−1.9	4.2	1
8638	−0.16	−2.3	4.6	1
8653	+0.30	−2.0	5.7	2
8671	−0.07	−0.8	4.6	1
8683	−0.03	−1.7	3.6	1
8713	−0.04	−0.9	6.5	1
8736	−0.11	−3.1	3.2	1
8751	+0.14	−1.1	6.0	1
8763	−0.10	+0.7	4.2	1

Nr.	Berl. — M. II Δα	Δδ	ΔEp. —	Anz. M.
8771	−0.07	−1.0	4.2	1
8781	+0.17	−3.8	3.9	1
8788	−0.10	−2.4	3.6	1
8789	+0.10	+1.1	5.7	1
8827	−0.17	−0.8	4.1	1
8839	−0.03	0.0	2.6	1
8843	+0.08	−2.9	4.2	1
8849	+0.04	−2.0	4.1	1
		23h		
8852	+0.31	−0.5	5.6	1
8857	+0.16	−2.7	6.1	1
8858	+0.37	−1.3	6.1	1
8867	+0.08	−0.2	5.0	2
8872	+0.14	−0.9	3.6	1
8893	+0.14	−1.1	4.5	1
8914	+0.04	+1.0	3.8	2
8922	−0.02	+0.1	4.2	1
8928	+0.08	−2.0	4.1	1
8944	+0.23	−1.5	6.6	2
8959	+0.35	−1.5	4.9	1
8967	+0.14	+0.6	5.5	1
8978	+0.11	−1.2	4.7	1
8986	+0.46	−1.7	5.6	1
8991	+0.15	−1.3	7.0	1
8998	−0.06	+0.1	3.7	1
9009	+0.07	−3.0	6.1	1
9018	−0.14	+1.8	4.2	1
9021	+0.13	+0.3	3.3	1
9039	+0.28	−3.2	6.7	1
9043	+0.23	−2.1	5.3	1
9046	+0.07	+0.3	4.2	1
9053	+0.27	−1.4	6.1	1
9075	−0.06	+2.1	4.1	1
9078	+0.38	−2.1	5.7	1
9082	−0.06	+0.1	4.1	1
9085	+0.41:	−1.9	5.8	1
9086	+0.16	−0.9	6.1	2
9090	+0.08	−1.3	8.4	1
9103	−0.08	−0.2	4.2	1
9116	+0.15	−0.2	6.1	1
9129	+0.34	−0.7	2.9	1
9133	+0.04	+0.7	4.7	1
9136	+0.05	0.0	2.8	1
9151	+0.12	−0.8	4.3	1
9152	+0.23	−0.3	6.1	1
9162	+0.08	−2.1	5.1	1
9165	−0.01	0.0	3.7	1
9171	−0.01	−1.9	6.1	1
9178	+0.10	−1.9	6.1	1
9182	+0.17	+1.6	5.2	1
9189	+0.21	−3.0	3.1	1
9190	+0.14	−1	2.8	1
9191	0.00	−0.6	5.1	1
9197	+0.02	−1.3	5.2	2
9204	+0.04	−1.5	6.9	1

Hieraus ergeben sich — unter Berücksichtigung der E.B. in einigen wenigen Fällen — die Mittelwerthe:

RA.	Berl. — M. II		Anz.	RA.	Berl. — M. II		Anz.
0h 0m bis 0h 31m	+0.084	−0.53	30	20h 11m bis 20h 55m	+0.091	−1.16	29
0 34 » 1 16	+0.037	−0.83	30	21 0 » 22 30	+0.041	−0.93	29
18 45 » 19 33	+0.139	−0.55	29	22 35 » 23 26	+0.089	−1.15	29
19 33 » 20 10	+0.078	−0.96	29	23 26 » 23 59	+0.117	−0.76	29

Das Mittel aus sämmtlichen Sternen ist

+0.084 −0.86

oder wenn die Berliner Oerter für die Helligkeitsgleichung entsprechend der mittleren Grösse 8.6 der gemeinsamen Sterne verbessert werden: +0.052 −0.97.

Verzeichniss der Eigenbewegungen

von 605 Sternen der Zone 20° 0′ bis 25° 10′.

Quellen für die nach anderen Autoritäten angenommenen Werthe.

Br = Bradley-Catalog von Auwers
TM = Mayer, Catalog von Auwers
Bau = Bauschinger (Neue Ann. d. Sternw. München Bd. II)
Bi = Bischof (Unters. über die Eigenbew. d. Sonnensystems)
Bo = Bossert (Catalogue de l'Obs. de Paris)
F = Fund.-Cat. für die Zonenbeob. d. Astr. Ges.
G = Grant (Glasgow Catalogue)
Stu = Stumpe (Astr. Nachr. Nr. 2999-3000)

Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ
15	Stu	+0ˢ.0146	−0″.162	499	Bo	0ˢ.000	−0″.100	911		−0ˢ.006	−0″.05	1196	Br	−0ˢ.0013	−0″.057
23		−0.014	−0.11	507		+0.0095	−0.018	914		−0.010	−0.01	1202	TM	−0.0002	−0.022
47		—	+0.11	545		−0.0031	+0.001	919	TM	+0.0017	+0.030	1207		+0.005	−0.02
62		−0.002	−0.15	546		−0.002	−0.03	948		+0.004	0.00	1216		+0.002	−0.12
91	Bau	+0.0185	−0.221	566		+0.007	−0.02	950	Br	−0.0032	−0.070	1231	Stu	+0.0157	−0.403
111		+0.011	0.00	571	F	+0.0050	−0.102	982	Br	0.0000	−0.092	1232		−0.007	−0.16
134		+0.012	−0.18	575	Br	−0.0016	0.000	984		+0.001	−0.08	1255		+0.013	−0.29
150	Stu	+0.0147	+0.012	586	Br	−0.0088	−0.017	992	Br	+0.0008	−0.024	1258	TM	+0.0038	−0.107
193	Br	−0.0340	−0.365	587		−0.009	−0.04	1000	Br	−0.0043	−0.007	1261	Br	+0.0045	−0.02
197		+0.002	−0.03	596		0.000	−0.129	1005	Br	−0.0004	−0.046	1291		0.000	−0.01
198	Br	+0.0007	−0.025	597	Bo	+0.0130	0.000	1008	Br	−0.0003	+0.001	1292	Br	−0.0011	−0.039
208		+0.007	−0.01	598		0.000	−0.02	1009	Br	+0.0034	−0.05	1293		0.000	−0.03
238	F	−0.0091	−0.072	617		+0.011	+0.06	1024	Br	−0.0008	−0.120	1299		−0.007	−0.04
241	Br	+0.0103	+0.020	631	Br	−0.0002	−0.031	1037	Stu	−0.0084	−0.183	1308	Stu	+0.0113	−0.141
280	Br	+0.0090	−0.030	632	Br	+0.0013	+0.01	1043		+0.007	+0.02	1309	Br	−0.0005	−0.010
282	Stu	−0.0143	−0.154	633	Br	−0.0005	−0.019	1054		+0.008	−0.13	1314	Br	+0.0053	−0.058
284		−0.001	+0.057	634	F	+0.0127	−0.134	1057	Br	0.0000	−0.035	1319	Br	+0.0122	−0.115
292	Br	−0.0029	−0.042	652	TM	+0.0184	+0.013	1071	Br	−0.0023	−0.040	1364		+0.006	−0.02
293		+0.013	+0.02	656		+0.011	−0.11	1092	Br	−0.0002	−0.011	1366		+0.028	−0.33
295		+0.008	−0.04	661	Br	+0.0092	+0.016	1101		+0.001	−0.06	1371		+0.010	−0.03
313		+0.008	−0.02	677	Stu	+0.0431	−0.180	1119	Br	+0.0006	−0.055	1377	Br	−0.0039	−0.038
331	Br	+0.0021	−0.015	680	Br	+0.0117	−0.058	1121	F	−0.0001	−0.036	1386	Br	+0.0059	−0.029
332	Br	+0.0010	−0.015	681	Br	−0.0076	−0.085	1128	Br	−0.0011	−0.05	1389	Br	−0.0002	−0.038
341		+0.007	−0.48	724		+0.014	−0.05	1129	Br	−0.0008	−0.031	1391	Br	+0.0007	−0.033
342	Bau	+0.0192	—	752		+0.0050	−0.076	1142	Br	+0.0003	−0.036	1397		+0.007	−0.04
349		+0.002	+0.06	756		+0.010	−0.09	1143		+0.002	−0.05	1406	Br	+0.0050	−0.09
355		0.000	−0.11	787	Br	+0.0084	+0.01	1145	Br	+0.0003	−0.037	1416		−0.001	−0.02
361	Br	−0.0006	+0.012	788	Br	+0.0087	−0.007	1147	Br	+0.0006	−0.039	1417	Br	−0.0002	−0.020
373	Br	0.0000	−0.018	795	F	−0.0019	−0.011	1152	Br	−0.0005	−0.042	1419	Bo	+0.0140	−0.075
383		+0.004	−0.065	828		+0.014	−0.20	1160		+0.004	—	1424	Br	+0.0040	−0.054
389		−0.004	−0.05	838	Br	+0.0037	+0.002	1168	Br	−0.0023	−0.058	1425	Br	+0.0086	−0.051
398		+0.011	−0.07	863	Br	+0.0147	−0.004	1177	F	−0.0004	−0.040	1429	Br	+0.0068	−0.034
405		+0.010	−0.09	867	Br	+0.0034	−0.04	1186	Br	−0.0013	−0.039	1430		+0.007	−0.02
448	Stu	+0.0327	−0.173	869	Br	−0.0025	−0.006	1187	Br	+0.0011	−0.06	1434	Br	−0.0010	−0.003
451		+0.005	0.00	889		+0.007	−0.01	1192	Br	+0.0007	−0.06	1437		+0.0059	−0.044
490	Stu	−0.0159	−0.268	895	Br	−0.0021	−0.013	1195	F	−0.0003	−0.047	1472	Bo	+0.0132	+0.013

Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ
1492	Bo	−0".0193	−0".257	2325	TM	−0".0046	−0".010	3397	TM	−0".0025	−0".018	3965	TM	−0".0140	−0".071
1494		+0.008	−0.14	2327	TM	−0.0016	−0.028	3408	Br	−0.0072	−0.059	3971	Br	−0.0180	+0.023
1501	F	−0.0010	−0.009	2337	F	+0.0037	−0.101	3418	F	−0.0039	−0.047	3973	F	0.0000	+0.017
1505	Br	−0.0001	−0.014	2373	Br	−0.0026	−0.014	3419	Br	−0.0074	−0.037	3977	Br	−0.0328	−0.083
1509	Bo	+0.0045	−0.098	2397	Br	−0.0035	−0.031	3436	Br	−0.0049	+0.007	3987		−0.012	−0.02
1513	Br	−0.0014	0.00	2402	Br	−0.0031	+0.005	3440	TM	−0.0042	+0.027	3991	Stu	−0.0381	+0.003
1580	TM	−0.0013	−0.011	2414	Br	−0.0022	−0.006	3449		—	−0.13	3992	Br	−0.0182	−0.201
1581	Br	+0.0011	−0.049	2455		−0.005	−0.04	3458		−0.005	−0.12	3994	Br	+0.0208	−0.136
1602		+0.010	−0.25	2494		−0.003	−0.02	3469	Br	−0.0006	+0.001	3995		+0.023	−0.15
1613	F	+0.0040	−0.040	2630	Br	−0.0015	−0.038	3474		−0.004	−0.01	4017	Bo	−0.0097	−0.192
1628	TM	−0.0002	−0.006	2685	G	+0.0128	+0.044	3475	TM	−0.0060	+0.018	4032-3		+0.007	−0.08
1643	Br	−0.0034	−0.029	2694	Bo	−0.0099	−0.119	3476	TM	−0.0040	+0.016	4052		−0.004	+0.01
1644	Br	−0.0018	+0.003	2720	TM	+0.0006	−0.010	3484	Br	−0.0075	+0.018	4053		−0.003	+0.01
1645	Br	−0.0009	0.00	2735	Br	−0.0014	+0.004	3485	Br	−0.0043	+0.024	4063	G	−0.0201	−0.101
1662		+0.005	−0.13	2752		−0.009	+0.03	3490	TM	−0.004	0.00	4072	Bo	−0.0120	−0.197
1689	Br	−0.0022	+0.004	2753	F	−0.0011	+0.001	3495	TM	−0.0049	+0.008	4084	F	−0.0105	+0.026
1701	Br	+0.0011	−0.082	2759	Br	−0.0010	−0.005	3497	TM	−0.0042	−0.002	4098		−0.009	0.00
1749	Br	−0.0011	+0.006	2766		−0.010	−0.04	3500	TM	−0.0056	−0.007	4101		−0.011	0.00
1760		0.000	−0.02	2813	Stu	−0.0123	−0.511	3510	TM	−0.0038	−0.011	4118	Bo	−0.0150	−0.450
1761	Br	+0.0004	−0.018	2814	Bo	−0.0031	−0.111	3516	Br	−0.0087	−0.033	4130		+0.001	−0.16
1789	TM	−0.0017	+0.002	2830	Br	−0.0025	−0.037	3573		0.000	−0.15	4138		−0.005	+0.02
1801	Br	−0.0003	−0.019	2842	Br	−0.0056	+0.07	3580	TM	−0.0014	+0.001	4139	Bo	+0.0100	0.000
1819-20		−0.006	−0.10	2845	Br	+0.0027	−0.105	3583		−0.0087	−0.192	4140	Bo	−0.0070	−0.211
1819		−0.006	−0.03	2897	F	−0.0025	+0.003	3625		−0.001	−0.05	4148		−0.007	+0.01
1820		−0.002	−0.05	2910	Br	−0.0053	−0.008	3628		+0.020	−0.32	4163		−0.012	−0.14
1837	F	−0.0006	−0.024	2920		−0.005	0.00	3632	Br	−0.0007	−0.010	4166	Br	−0.0029	+0.047
1849		−0.005	+0.02	2923	Br	−0.0037	−0.034	3640		−0.012	+0.14	4188		−0.016	+0.03
1944		+0.010	−0.04	2932		−0.003	−0.04	3642		−0.005	−0.04	4191	Br	−0.0024	+0.016
1950	TM	−0.0004	+0.007	2945	TM	−0.0220	−0.008	3650	Stu	−0.0026	−0.231	4213	TM	−0.0283	−0.127
1961	TM	−0.0017	+0.035	2947	Br	−0.0019	−0.011	3656		−0.015	+0.03	4215	F	+0.0102	−0.115
1971	TM	−0.0016	+0.005	2953	Br	−0.0049	−0.101	3657		−0.015	+0.04	4219	Br	−0.0038	+0.003
1979	Br	−0.0009	−0.010	2959		−0.009	—	3671	Br	−0.0011	+0.025	4259		−0.029	−0.22
2030	TM	−0.0005	+0.004	3036		0.000	−0.080	3675	Br	−0.0004	+0.018	4265		−0.017	−0.08
2042	Br	−0.0154	−0.096	3041	TM	+0.0001	+0.036	3689	Br	−0.0019	−0.016	4267		−0.011	+0.01
2103		−0.010	−0.09	3051	TM	−0.0008	+0.016	3694		−0.010	−0.15	4269		−0.011	−0.02
2109	TM	−0.0003	−0.002	3085	TM	−0.0014	+0.025	3710		−0.006	−0.06	4272		−0.005	−0.15
2122	Br	−0.0021	−0.012	3095	F	−0.0034	−0.055	3711		−0.006	−0.05	4277	Bo	−0.0139	0.000
2150	Br	0.0000	+0.006	3104	Br	−0.0037	+0.020	3727		−0.008	−0.06	4288		−0.005	+0.02
2151	Br	−0.0010	−0.093	3124	Br	−0.0019	+0.015	3742		−0.012	+0.04	4291		−0.001	−0.08
2170	Br	−0.0005	−0.003	3137		+0.001	+0.143	3747	Br	−0.0077	−0.115	4300		−0.007	+0.02
2185		−0.008	+0.05	3159	Br	−0.0016	+0.005	3767		−0.027	−0.15	4334	Br	−0.0049	−0.049
2188	TM	−0.0001	+0.032	3177	Br	−0.0028	−0.035	3782	Br	−0.0023	−0.034	4366	Br	−0.0123	+0.012
2213		+0.006	(+0.03)	3182		−0.002	−0.15	3783		−0.003	−0.11	4388		−0.013	−0.01
2215	TM	−0.0043	+0.011	3201	Bo	−0.0185	−0.563	3806		−0.009	−0.13	4399		−0.005	0.00
2216	Br	+0.0001	−0.002	3213		−0.004	−0.01	3818		+0.002	−0.11	4400		−0.004	0.00
2222	Br	−0.0010	0.000	3234	Br	−0.0051	+0.009	3836	F	−0.0043	−0.008	4405		−0.030	+0.09
2230	Br	−0.0007	−0.046	3247		−0.010	−0.06	3845	TM	+0.0066	−0.004	4410		−0.005	+0.06
2240	Br	−0.0009	+0.008	3258	Br	−0.0028	+0.005	3851	Br	−0.0048	−0.016	4412		+0.009	+0.03
2261	F	−0.0050	−0.003	3262	Br	−0.0112	−0.05	3859	Br	+0.0017	−0.177	4414		−0.007	−0.01
2278	Br	−0.0028	−0.027	3268	Br	+0.0012	−0.059	3860		−0.006	+0.01	4422	Br	−0.0051	−0.005
2280	Br	−0.0014	+0.002	3343		+0.0041	−0.053	3878		−0.018	+0.01	4432		+0.002	+0.01
2297	Br	−0.0024	−0.049	3344	Br	−0.0024	−0.028	3879		−0.018	+0.01	4433	Br	+0.0016	+0.004
2301	Br	+0.0003	+0.020	3381	Br	−0.0053	−0.080	3887		−0.007	−0.04	4447		+0.001	−0.16
2302	TM	+0.0017	+0.024	3382		−0.003	−0.07	3950	Bo	+0.0076	−0.179	4455		+0.010	+0.04
2324	TM	−0.0072	0.000	3394	Br	−0.0042	−0.057	3953	Bo	−0.0279	+0.060	4462		−0.024	−0.01

Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ
4463	Br	$-0^{s}.0014$	$-0''.018$	5169-70		$-0^{s}.010$	$+0''.077$	6253		$-0^{s}.003$	$+0''.03$	7497	Br	$-0^{s}.0049$	$-0''.14$
4476	Br	−0.0038	0.000	5182		+0.010	+0.03	6253-4	Br	−0.0027	+0.027	7514		0.000	0.00
4490	Br	−0.0034	−0.003	5184		−0.0292	−0.07	6270	Br	−0.0016	−0.007	7515		+0.003	+0.11
4509		−0.004	+0.01	5191		−0.059	+0.01	6272	Br	−0.0034	+0.008	7516	Br	+0.0030	+0.106
4514		+0.004	−0.02	5242	G	+0.0121	−0.114	6298	Br	−0.0024	−0.005	7533	Br	+0.0012	+0.032
4525	Br	−0.0033	−0.004	5253		−0.010	+0.09	6318	Br	−0.0006	−0.013	7591	Br	−0.0031	−0.014
4526	F	+0.0033	−0.017	5266		+0.005	+0.11	6319	Br	−0.0016	−0.011	7598	Br	−0.0009	−0.020
4549	Br	−0.0040	−0.004	5271		−0.008	+0.02	6406	Br	+0.0005	+0.003	7607	F	+0.0004	−0.032
4558		+0.005	−0.23	5277		+0.003	−0.12	6416	Br	+0.0003	−0.051	7664	Br	−0.0015	−0.001
4571		−0.005	0.00	5279		−0.006	+0.07	6433	Br	−0.003	+0.082	7793		−0.007	+0.11
4572	Br	−0.0069	−0.005	5325		−0.019	+0.02	6449	F	+0.0131	−0.257	7828	Br	+0.0029	+0.002
4593		−0.006	−0.15	5387	Br	−0.0065	−0.028	6505		−0.001	−0.23	7832	Br	−0.0010	−0.009
4601	Stu	−0.0086	−0.228	5399		−0.009	+0.02	6570		−0.004	−0.10	7912	Br	−0.0035	−0.177
4618		−0.006	−0.03	5434	Br	−0.0047	+0.017	6578		−0.002	−0.29	8024	Br	−0.0010	−0.006
4629		−0.003	0.00	5440		+0.004	−0.14	6641	F	−0.0030	−0.348	8052		+0.007	+0.03
4630		−0.004	+0.02	5445		−0.008	+0.03	6710	Br	−0.0018	−0.006	8121		−0.015	+0.01
4634		−0.008	+0.01	5486		−0.005	−0.15	6726		+0.004	+0.05	8123	Br	−0.0023	+0.01
4635	Br	−0.007	−0.016	5490	Br	0.0000	+0.037	6732	Br	−0.0014	+0.014	8124	Br	−0.0014	+0.01
4636		−0.007	−0.016	5510		−0.007	+0.05	6765		−0.015	−0.08	8126	Br	+0.0008	−0.05
4654	Stu	+0.0057	−0.259	5522		0.000	−0.12	6786		−0.011	+0.06	8127		+0.032	+0.08
4662		−0.012	+0.01	5540	Br	−0.0043	−0.011	6808		−0.008	+0.04	8133		−0.008	−0.03
4671		−0.006	+0.04	5556	Br	−0.002	−0.012	6846	Br	+0.0050	+0.027	8145		−0.008	−0.03
4676		−0.004	+0.02	5561	Br	−0.0003	+0.047:	6847		−0.003	−0.06	8187		+0.0155	−0.123
4694	Br	−0.0067	−0.053	5570		−0.003	−0.05	6853		—	−0.15	8208		+0.008	+0.02
4695	Br	+0.0007	−0.031	5622	F	−0.0090	−0.012	6860		+0.001	+0.11	8246		—	−0.14
4698		−0.024	+0.14	5626		−0.006	−0.08	6917	Br	+0.0021	+0.017	8252	Br	+0.0011	+0.002
4707		−0.011	+0.02	5651		−0.005	+0.06	6924	Br	−0.0009	−0.001	8370	F	0.000	+0.013
4732		−0.008	+0.09	5664		+0.006	−0.15	6989	G	−0.0072	−0.275	8384	Br	−0.0018	0.00
4742		−0.0106	+0.03	5701		−0.007	+0.03	7001		+0.010	−0.06	8385	Br	+0.0005	−0.007
4783		−0.014	+0.07	5702		−0.005	+0.04	7010	Br	−0.0042	0.00	8389	Br	+0.0113	+0.04
4800		−0.0185	+0.03	5704		−0.007	−0.29	7012	Br	−0.0150	−0.626	8432		−0.012	−0.16
4820		−0.021	+0.14	5717		−0.019	−0.04	7039		−0.0041	−0.075	8525	F	+0.0209	+0.018
4837		−0.011	−0.04	5752	Br	−0.0021	+0.026	7046	Br	−0.0108	−0.102	8532	Br	−0.0038	−0.062
4852	Br	−0.0051	+0.020	5753		+0.001	−0.13	7050	Br	−0.0009	−0.03	8547	Br	−0.0026	+0.002
4853		−0.003	+0.05	5762		−0.002	+0.04	7051	Br	−0.0017	−0.004	8548		−0.045	−0.04
4854	Br	−0.0041	−0.027	5863	Br	−0.0031	−0.048	7091		−0.004	−0.21	8619		0.000	−0.01
4878		−0.016	+0.10	5874		−0.017	+0.28	7097		+0.008	+0.08	8620	Br	+0.0225	−0.019
4884		−0.013	−0.07	5878	Br	+0.006	+0.066	7098		0.000	+0.14	8662		+0.006	−0.02
4897	Br	+0.0023	+0.016	5893		−0.014	−0.15	7137		−0.003	−0.15	8719		+0.003	−0.07
4926		+0.011	−0.06	5910	F	−0.0028	−0.153	7152		−0.013	0.00	8745	F	+0.0031	−0.004
4936		−0.024	−0.17	5935	Br	−0.0027	+0.008	7210		−0.004	−0.22	8764	F	+0.0096	−0.042
4942	Br	−0.0010	−0.051	5948		+0.006	−0.20	7211		+0.008	−0.14	8819		+0.010	+0.03
4957		+0.007	−0.06	5956	Br	0.000	−0.032	7316	Br	+0.0003	−0.004	8859	Br	−0.0009	−0.025
4985		+0.003	−0.04	5958		+0.005	−0.07	7341	Br	+0.0006	+0.042	8860		+0.008	−0.06
5016		+0.004	+0.01	5975	Bi	−0.0068	+0.032	7349	Br	+0.0039	−0.010	8887-8		−0.001	−0.048
5026		−0.012	−0.09	5994		−0.002	−0.11	7365		+0.002	−0.11	8894		+0.006	−0.01
5027		−0.011	−0.11	5998		−0.006	−0.05	7370		+0.004	+0.05	8895		+0.011	−0.06
5049		−0.010	+0.05	6054	Br	−0.0022	+0.008	7375		−0.012	−0.11	8904		+0.007	+0.02
5082		−0.006	+0.07	6082	Br	−0.001	+0.054	7397	Br	−0.0065	+0.019	8929		+0.012	+0.14
5094		−0.007	+0.03	6083		−0.003	+0.06	7419		−0.001	−0.245	8931	F	+0.0009	−0.014
5095	Br	−0.0110	+0.042	6100	Br	−0.0061	−0.106	7428		+0.009	+0.03	8948	Br	−0.0017	+0.004
5126		−0.004	+0.06	6102		−0.002	−0.57	7429	Br	−0.0008	−0.001	8959		−0.0149	—
5133		0.000	−0.05	6107	Br	−0.0096	+0.088	7430	Br	+0.0051	+0.061	8970	F	+0.0112	+0.039
5134		−0.007	−0.03	6162		−0.009	−0.02	7450	Stu	−0.0765	−0.922	8972		+0.004	−0.02
5140		−0.008	−0.01	6181		−0.006	−0.01	7485	Br	0.0000	+0.004	8982		+0.001	−0.10

Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ	Cat. Nr.	Aut.	Jährl. Eigenbew. μ_α	μ_δ
8984	Br	$+0^{s}.0002$	$-0''.035$	9069		$-0^{s}.010$	$+0''.09$	9121	Br	$-0^{s}.0035$	$-0''.026$	9160	Stu	$-0^{s}.0058$	$-0''.181$
8989		+0.009	−0.01	9073		+0.006	−0.05	9140		+0.014	−0.08	9164		−0.003	−0.10
9020	Br	−0.0012	−0.027	9095		−0.011	−0.03	9149		−0.003	0.00	9168		+0.009	−0.01
9021		+0.005	+0.02	9107		+0.004	+0.01	9157	Br	−0.0043	−0.024	9204		+0.006	−0.09
9031		−0.006	—	9119	Br	−0.0046	−0.018	9159		−0.006	−0.18				

Bestimmung der Eigenbewegungen von 281 Sternen des vorstehenden Verzeichnisses durch Vergleichung der Berliner Zonenörter mit anderen Catalogen.

Bezeichnung der verglichenen Cataloge.

D'A = D'Agelet (Gould)
Arm = Armagh 1840
B = Bonner Beob. VI
Brü = Bruxelles Cat. de 10792 ét.
Gl = Glasgow Catalogue (I und II)
K = Bessel-Weisse
L = Lalande (H. C. — v. A.)
L-B = Lal. Suppl., Bossert
M I = Erstes Münchener Sternverzeichniss
Pa I = Paris 1845
Pa II = Paris 1860
Pi = Piazzi (II)
Pu = Pulkowa 1855
R = Rümker
S = Struve Pos. med.
Sa = Sabler (» »)
Y = Yarnall (III)
Σ = Struve Mens. micr.

Cat. Nr.	Vergl. mit	Δ Ep.	Beob.	Beob. jährl. EB. μ_α	μ_δ
23	K	$52^{a}.0$	1	$-0^{s}.0162$	$-0''.098$
	B	23.0	1	−0.0104	−0.126
47	K	52.0	1	−0.0019	+0.110
	B	22.9	1	+0.0170	+0.114
62	K	52.9	1	+0.0015	−0.134
	M I	38.0	1	−0.0053	−0.113
	R	35	1	−0.0029	−0.175
111	L	87.0	1	+0.0048	0.000
	Pi	81	12,8	+0.0047	−0.012
	Pa I	40.8	4	+0.0172	—
	Pa II	21.7 22.1	1,3	+0.0088	+0.005
134	L	85.5	1	+0.0147	−0.214
	K	53.5	1	+0.0135	−0.221
	M I	38.6	1	+0.0057	−0.194
	B	14.7	4*	+0.0129	−0.095
197—198	Σ 1830.2	$-0^{s}.10$ $-6''.2$			
	1882.4	−0.05 −6.6			
208	D'A	96.8	2	+0.0094	−0.036
	L	87.9	1	+0.0050	−0.006
	Pi	81	8	+0.0096	−0.006
	K	55.6	2	+0.0007	−0.013
	Pa II	21.3 21.1	3,2	+0.0084	0.000
	Gl I	18.6 11.9	3,4	+0.0081	+0.017
284	L	87.1	2	−0.0046	+0.071
	Pi	82	4	+0.0048	+0.045
	K	54.0	1	−0.0093	+0.076
	R	44	1	+0.0002	+0.052
	Pa II	24.2	1	−0.0058	+0.054

Cat. Nr.	Vergl. mit	Δ Ep.	Beob.	Beob. jährl. EB. μ_α	μ_δ
293	L	$87^{a}.9$	1	$+0^{s}.0056$	$+0''.001$
	K	54.0	2	+0.0165	+0.078
	Pa II	20.4 18.7	3,1	+0.0137	−0.080
295	Pi	82	7	+0.0072	−0.043
	Pa I	40.7	3	+0.0093	—
	R	36	1	+0.0031	−0.033
313	L	87.2	1	+0.0091	−0.028
	Pi	81	8,7	+0.0056	−0.022
	K	54.8	1	+0.0119	+0.026
	R	35	1	+0.0135	−0.014
341	L	85.9	1	+0.0079	−0.522
	K	53.9	1	+0.0026	−0.479
	M I	39.0	3	+0.0051	−0.469
	Pa II	21.0 20.0	2,1	+0.0148	−0.420
349	L	86.0	1	+0.0033	+0.053
	Pi	82	4,2	+0.0022	+0.073
	K	53.9	1	(−0.0343)	+0.046
355	L	86.4	1	+0.0005	−0.115
	Pi	80	12,13	+0.0007	−0.125
	K	51.1	1	−0.0012	−0.025
383	D'A	97.1	1	+0.0076	−0.081
	Pi	82	11	+0.0017	−0.057
	K	58.1	1	+0.0043	−0.089
	Pa I	40.6 41.0	2,1	+0.0059	−0.063
389	K	58.0	1	−0.0095	−0.028
	S	39.1	1	−0.0054	−0.051
	B	23.1	1	+0.0009	−0.069
	Brü	11.6 18.1	3,2	+0.0034	−0.033

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
398	L	88ª4	1	+0ˢ0126	−0″092
	K	53.1	1	+0.0098	−0.030
405	L	87.4	1	+0.0122	−0.093
	K	52.1	1	+0.0069	−0.096
	R	34.0	1	+0.0024	−0.029
	Pa II	23.2 22.1	1	+0.0134	−0.118
451	L	87.9	1	+0.0048	−0.003
	Pi	81	6	+0.0037	+0.017
	K	52.6	1	+0.0011	−0.018
	Pa I	39.8 40.6	2,1	+0.0040	+0.034
	Pa II	21.3 20.7	3,2	+0.0117	−0.058
507	D'A	97.7	2	+0.0216	−0.042
	L	86.9	3	+0.0070	−0.013
	Pi	81	7	+0.0055	+0.030
	K	53.7	3	+0.0071	−0.022
	Pa I	41.3	1	+0.0075	—
	S	37.9	3	+0.0087	−0.034
	R	36.3	2	+0.0102	−0.025
	Pa II	23.2 22.4	3,1	+0.0147	−0.062
545	D'A	96.2	4	−0.0002	+0.010
	L	85.0	1	+0.0022	−0.018
	Pi	81	7,6	−0.0010	0.000
	S	57.1	6	−0.0039	−0.005
	K	53.0	1	−0.0010	+0.004
	Pu	36.1	4	−0.0036	+0.003
	R	36	1,2	−0.0047	+0.031
	Pa II	16.9 17.8	23,8	−0.0077	0.000
	Y	13.9 11.6	4,2	−0.0101	+0.060
546—545	Σ 1830.7	+0ˢ03	−2″5		
	1881.5	+0.11	−4.0		
566	L	87.6	2	+0.0066	−0.029
	K	54.9	2	+0.0067	−0.002
587—586	Σ 1821.2	+1ˢ96	+26″2		
	1880.9	+1.97	+25.0		
596	K	57.4	1	+0.0068	−0.127
	S	38.4	2	−0.0008	−0.141
	Sa	30.4	3	+0.0020	−0.115
	Pa II	22.3	1	−0.0108	—
598—596	Σ 1832.4	+0ˢ61	−38″5		
	1881.5	+0.59	−33.1		
617	K	55.1	2	+0.0105	+0.060
656	L	88.1	1	+0.0167	−0.094
	K	53.1	1	+0.0038	−0.062
	S	39.1	2	+0.0105	−0.130
	Sa	31.1	3	+0.0097	−0.122
	Brü	11.9	3,2	+0.0134	−0.084
724	K	59.6	1	+0.0128	−0.055
	R	40	2	+0.0151	−0.049
752	D'A	96.2	1	+0.0019	−0.069
	L	87.4	1	+0.0029	−0.034
	Pi	81	9	+0.0058	−0.062
	S	53.5	2	+0.0050	−0.093
	K	48.1	1	+0.0025	−0.112
	R	40	3	+0.0030	−0.035
	Pa I	35.8 41.1	4,1	+0.0050	−0.041
	Pu	32.4	4	+0.0056	−0.096
	Pa II	22.1 22.2	2,4	+0.0081	−0.099
	Y	15.1 11.5	3,2	+0.0060	−0.209
756	L	87.2	1	+0.0107	−0.096
	K	48.9	1	+0.0078	−0.164
	Pa II	22.1	1	—	−0.027

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
828	L	87ª4	1	+0ˢ0185	−0″148
	K	54.9	1	+0.0076	−0.271
889	L	87.5	1	+0.0063	+0.043
	K	59.5	1	+0.0034	−0.012
	Y	20.1 21.0	4,3	+0.0090	−0.052
911	S	51.5	1	−0.0064	−0.078
	K	48.4	1	−0.0045	+0.081
914	K	51.6	3	−0.0105	−0.012
948	L	86.8	2	+0.0013	+0.005
	K	58.8	2	−0.0007	+0.051
	S	52.5	1	+0.0044	−0.021
	Pa I	40.6	1	+0.0047	
	R	36	1	+0.0098	0.000
	Pa II	20.7	1	+0.0112	−0.005
	Brü	12.4	3,2	+0.0025	+0.024
984	L	84.2	1	−0.0005	−0.124
	K	52.6	2	+0.0044	−0.025
	S	51.4	3	+0.0006	−0.082
	Pa I	39.6	2	−0.0010	—
	Brü	9.7 11.3	4,3	−0.0041	−0.088
1043	K	52.8	3	+0.0066	+0.015
1054	K	53.3	1	+0.0096	−0.120
	B	23.4	1	+0.0056	−0.158
1101	L	86.9	2	+0.0024	−0.093
	Pi	81	9,10	+0.0022	−0.074
	K	52.7	1	−0.0046	+0.019
	Pa I	39.9	1	−0.0018	—
	R	40	6,5	+0.0038	−0.065
	R	38	2,1	+0.0003	−0.064
	Pa II	20.8	1	—	−0.014
1143	L	87.8	2	−0.0006	−0.026
	Pi	82	7,8	+0.0040	−0.066
	S	46.6	2	+0.0024	−0.067
	R	41	2	−0.0010	−0.047
1160	Pi	82	7	+0.0049	−0.031
	K	53.5	1	+0.0073	+0.041
	R	41	3	+0.0007	−0.020
	Y	10.5 11.4	4	+0.0057	+0.018
1207	L	86.4	2	+0.0036	−0.037
	Pi	81	3	+0.0021	−0.015
	R	40	3	+0.0067	−0.042
	R	38	1	+0.0152	+0.039
1216	L	83.6	1	+0.0006	−0.103
	Pi	82	6	+0.0026	−0.103
	K	53.5	1	+0.0037	−0.030
	R	35	1	−0.0012	−0.199
	Pu	37.6	4	+0.0027	−0.122
	Pa II	16.6	8	−0.0012	—
	Gl I	16.0 10.3	3	−0.0006	−0.243
1232	D'A	95.5	1	−0.0068	−0.207
	L	84.5	1	−0.0112	−0.194
	Pi	80	4	−0.0004	−0.126
	K	52.2	1	−0.0142	−0.096
	R	39	2	−0.0107	−0.150
	R	35	3	−0.0099	−0.173
	Pa II	22.3	1	−0.0112	−0.247
1255	R	40	2	+0.0132	−0.330
	R	34	1	+0.0121	−0.209
1291—1292	Σ 1831.6	−3ˢ67	−28″4		
	1881.8	−3.63	−26.9		
1293—1292	Σ 1831.7	+0.42	− 4.6		
	1882.0	+0.49	− 4.2		

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
1299	L	87.8	1	−0.0080	−0.065
	Pi	82	9	−0.0069	−0.036
	K	53.6	1	−0.0091	−0.026
1364	D'A	96.8	1	+0.0062	−0.036
	L	87.8	2	+0.0057	−0.036
	K	53.8	1	+0.0089	−0.019
	Pa II	21.6	1	+0.0023	—
	Brü	12.1 14.9	4,3	+0.0058	+0.027
1366	K	53.1	1	+0.0275	−0.271
	B	22.1	1	+0.0299	−0.434
1371	K	55.1	2	+0.0091	−0.042
	R	40.2	1	+0.0104	−0.015
1397	L	87.8	2	+0.0064	−0.063
	Pi	82	5	+0.0077	−0.034
	K	55.5	2	+0.0058	−0.036
	Gl I	12.7 7.7	2,4	+0.0142	+0.013
1416—1417	Σ 1831.4	−1.98 +9.9			
	1881.2	−2.04 +9.7			
1430	L	86.7	1	+0.0058	+0.031
	Pi	80	9,7	+0.0070	−0.015
	K	54.4	1	+0.0086	−0.026
	R	37	1	+0.0149	−0.099
	Pa II	20.6	3	+0.0039	—
1437	L	87.5	3	+0.0051	−0.024
	Pi	81	8,6	+0.0061	−0.038
	K	54.6	3	+0.0038	−0.037
	R	40	2	+0.0069	−0.025
	R	38	1	+0.0042	−0.042
	Pu	26.3	4	+0.0061	−0.084
	Pa II	20.4 18.3	3,1	+0.0083	−0.071
1494	K	53.0	1	+0.0068	−0.057
	Y	18.8 21.4	5,6	+0.0090	−0.187
1602	K	49.9	1	+0.0088	−0.184
	R	41	2	+0.0112	−0.298
1662	K	51.8	4	+0.0052	−0.129
1760—1761	Σ 1829.6	−0.10 −4.7			
	1881.8	−0.10 −5.0			
1819-20	L	88.7	1	−0.0067	−0.118
Mitte	K	56.5	1	−0.0048	−0.030
	R	41	7	−0.0072	−0.111
1819—1820	Σ 1833.6	−0.09 −1.2			
	1882.7	−0.27 −0.1			
1820	S	58.8	5	−0.0024	−0.053
	Sa	30.7	2	−0.0010	−0.029
	Pa II	20.5	7,6	−0.0010	−0.088
	B	20.3	2*	−0.0103	−0.030
	Brü	12.9 17.4	4,2	+0.0101	−0.029
1849	Pi	82	8,10	−0.0039	+0.002
	K	53.5	3	−0.0060	+0.062
1944	K	56.5	1	+0.0090	−0.039
	R	41.0	1	+0.0102	−0.049
2103	K	55.5	1	−0.0099	−0.079
	Y	16.6 11.1	2	−0.0090	−0.135
2185	L	83.0	1	−0.0035	+0.007
	K	54.1	1	−0.0144	+0.116
	Pa II	17.1 18.7	2,3	−0.0082	+0.048
2213	K	55.9	1	+0.0104	+0.034
	R	41	3,2	+0.0041	(−0.202)
	Brü	17.4 13.1	2	+0.0040	+0.008
2455	D'A	98.4	2	−0.0117	−0.115
	L	84.4	1	−0.0066	−0.030
	S	56.0	4	−0.0041	−0.027
	K	49.4	1	−0.0038	−0.012
2494	L	87.0	1	−0.0033	−0.031
	Pi	82	4,5	−0.0026	−0.012
	K	55.9	1	−0.0054	−0.014
	Pa II	21.0 22.5	1,2	−0.0043	−0.036
2752	L	84.8	1	−0.0053	+0.045
	Pi	82	2,4	−0.0085	+0.089
	K	56.4	2	−0.0089	+0.037
	R	41	3,2	−0.0093	−0.071
	Pa II	19.2 19.8	5,10	−0.0161	+0.045
	Y	11.9 14.9	2	−0.0017	−0.121
2766	L	84.0	1	−0.0112	−0.019
	K	54.6	1	−0.0093	−0.051
	Y	7.8 12.1	3,2	−0.0064	−0.157
2920	L	84.5	2	−0.0062	+0.007
	L-B	80.4	1	−0.0037	+0.009
	K	56.4	1	−0.0050	−0.014
2932	L	84.9	1	−0.0048	−0.012
	Pi	81	6,8	−0.0017	−0.041
	K	55.0	1	−0.0047	−0.078
	Pa I	40.0	1	−0.0022	—
2959	K	55.9	1	−0.0102	+0.009
	Pa I	37.9	2	−0.0087	—
3036	D'A	95.5	1	−0.0006	−0.119
	L	83.6	2	−0.0028	−0.030
	Pi	81	10	+0.0005	−0.092
	K	55.5	1	−0.0031	−0.146
	Pa I	39.3 39.6	8,1	+0.0020	−0.081
	Pa II	22.6	1	+0.0009	—
	Gl I	16.9 15.1	3,2	+0.0089	−0.079
	Gl II	8.9 8.8	4,5	−0.0034	−0.091
3137	K	54.5	1	−0.0040	+0.132
	S	43.4	1	−0.0009	+0.150
	R	39	1	+0.0114	+0.122
3182	K	54.5	2	−0.0024	−0.150
3213	L	84.6	1	−0.0091	−0.026
	K	54.7	1	−0.0033	−0.053
	S	51.6	5	−0.0039	−0.004
	Brü	15.9 14.6	4,2	−0.0038	−0.034
3247	L	85.0	1	−0.0100	−0.005
	K	55.1	1	−0.0127	−0.093
	Pa II	18.0 23.0	2,1	−0.0050	−0.091
3343	D'A	96.6	1	+0.0075	−0.115
	L	84.6	2	+0.0071	−0.035
	Pi	81	5	+0.0045	−0.036
	L-B	79.6	1	+0.0097	−0.030
	R	39	1	+0.0026	−0.018
	Pu	37.6	4	+0.0024	−0.066
	Y	21.4 23.5	7,9	+0.0042	−0.081
	Pa II	18.7 20.0	5,3	−0.0005	−0.040
	Gl II	11.2 11.1	3,2	+0.0009	−0.063
3382	L	83.2	1	(+0.0069)	−0.119
	Pi	80	2	−0.0070	−0.038
	K	54.3	2	−0.0006	−0.090
	Y	19.7 12.2	4,2	−0.0020	−0.098
		L +1"?			
3449	K	54.7	1	−0.0090	−0.143
	Y	4.5 18.0	3,2	(−0.0267)	−0.111
3458	L	83.9	1	−0.0070	−0.126
	K	54.0	1	−0.0015	−0.120

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
3474	L	84.3	1	−0.0052	+0.014
	Pi	80	4	−0.0017	+0.005
	L-B	79.3	1	−0.0043	−0.003
	R	38	1	−0.0093	+0.031
	Pu	21.2	4	−0.0071	−0.061
	Pa II	19.3	1	—	+0.031
	Y	12.6 13.8	4,2	−0.0063	−0.072
3573	K	55.5	1	+0.0011	−0.173
	Y	12.0 24.4	2	−0.0033	−0.139
3583	L	85.0	2	−0.0109	−0.186
	K	55.4	3	−0.0067	−0.188
	Pa II	20.4	3	−0.0074	−0.206
3625	L	80.2	1	+0.0016	−0.090
	K	54.1	2	−0.0030	−0.005
	S	51.0	3	−0.0014	−0.059
	Pa II	17.0	1	+0.0006	−0.012
3628	L-B	80.0	1	+0.0172	−0.282
	K	56.0	1	+0.0243	−0.330
	Y	12.9 18.4	2	+0.0209	−0.375
3640	L	84.3	1	−0.0122	+0.103
	K	54.4	2	−0.0118	+0.160
3642	L	84.3	1	−0.0058	−0.081
	K	54.4	2	−0.0050	−0.005
3656—3657	Σ 1831.3	−0.18 −6.7			
	1881.5	−0.21 −7.2			
3657	L	85.3	1	−0.0151	+0.077
	S	57.5	5	−0.0127	+0.028
	K	55.4	1	−0.0110	+0.009
	Pu	36.5	6	−0.0164	+0.044
	Sa	29.3	2	−0.0235	+0.085
3694	S	57.1	6	−0.0096	−0.154
	K	54.6	1	−0.0117	−0.170
	Brü	14.0 14.1	4	−0.0114	−0.085
3710	L	84.5	1	−0.0056	−0.116
	S	57.0	4	−0.0063	−0.054
	K	54.5	1	−0.0068	−0.097
	Y	20.5 25.4	3	−0.0059	−0.047
	Brü	16.1 13.0	3,2	−0.0037	−0.023
3711—3710	Σ 1829.3	+0.11 +5.3			
	1881.0	+0.12 +5.6			
3727	K	56.1	1	−0.0103	−0.070
	B	20.0	1*	−0.0055	−0.055
3742	L	85.0	1	−0.0114	+0.028
	K	56.0	2	−0.0130	+0.061
	R	39	2	−0.0102	+0.046
	Pa II	17.9	1	−0.0179	+0.017
3767	K	56.0	1	−0.0257	−0.202
	B	22.0	1	−0.0300	−0.041
3783	L	85.3	1	−0.0005	−0.045
	L-B	80.3	1	−0.0056	−0.036
	K	56.3	1	−0.0023	−0.044
	S	49.3	3	−0.0034	−0.150
3806	L	85.8	2	−0.0051	−0.117
	K	55.3	1	−0.0134	−0.146
	Pa II	20.3 21.8	1,2	−0.0163	−0.138
3818	K	55.4	2	+0.0016	−0.107
3860	L	85.0	1	−0.0013	+0.021
	K	54.0	2	−0.0094	−0.004
3878	L	84.1	2	−0.0166	+0.037
	L-B	79.0	1	−0.0175	+0.071
	S	56.1	5	−0.0178	−0.002
	K	55.1	1	−0.0214	−0.002
	R	38	1	−0.0149	(+0.452)
	Sa	28.1	2	−0.0246	+0.011
	Brü	11.0 10.1	2,4	−0.0127	+0.020
3879—3878	Σ 1828.8	+0.17 −30.0			
	1880.3	+0.16 −30.2			
3887	L	84.0	1	−0.0067	+0.014
	K	52.5	2	−0.0080	−0.076
3987	S	50.0	4	−0.0116	−0.024
3995—3994	Σ 1831.5	+0.17 −0.6			
	1880.8	+0.26 −1.1			
4032 } 4033 }	S	51.3	4	+0.0070	−0.078
4052	L	85.9	1	−0.0052	+0.022
	K	55.0	2	−0.0067	+0.033
	S	49.3	5	−0.0037	−0.002
	R	39	3	+0.0003	+0.051
4053—4052	Σ 1830.9	+0.26 −2.5			
	1881.2	+0.28 −2.8			
4098	L	85.5	1	−0.0081	−0.027
	K	54.6	1	−0.0148	+0.027
	R	39	1	−0.0039	+0.023
4101	L	83.4	2	−0.0101	+0.029
	K	50.4	2	−0.0137	−0.026
	Pa II	21.9	1,2	−0.0105	−0.018
4130	L	85.2	1	+0.0005	−0.174
	K	54.3	1	+0.0007	−0.153
	Pa II	21.2	2	+0.0024	−0.151
4138	L	86.2	1	−0.0088	+0.020
	Pi	80	14	−0.0030	+0.024
	K	54.3	1	−0.0033	+0.063
	Pu	25.5	4	−0.0063	+0.012
	Pa II	17.2	1	−0.0076	—
	Gl II	11.5	3,4	−0.0043	−0.061
4148	L	84.3	3	−0.0072	+0.020
	Pi	80	17,18	−0.0069	+0.004
	K	49.9	1	−0.0098	−0.016
	Pa II	19.4 19.9	2,3	+0.0005	+0.020
4163	L	84.3	1	−0.0069	−0.127
	K	49.2	1	−0.0199	−0.156
4188	L	85.9	1	−0.0166	+0.029
	K	51.9	1	−0.0156	+0.046
	Pa I	30.9	1	—	+0.013
4259	K	50.5	2	−0.0285	−0.222
4265	L	83.2	2	−0.0160	−0.088
	K	50.3	2	−0.0167	−0.070
	Pa II	17.3	1	−0.0231	—
4267	L	86.2	1	−0.0106	+0.024
	L-B	79.2	1	−0.0052	+0.015
	K	54.3	1	−0.0158	+0.087
	Pa II	17.2	1	−0.0134	−0.134
4269	L	82.2	1	−0.0123	−0.032
	K	50.7	2	−0.0108	0.000
	R	38	3	−0.0083	−0.018
	Y	20.5 17.7	5,2	−0.0117	−0.051
4272	L	85.9	1	−0.0049	−0.154
	K	51.6	3	−0.0043	−0.153

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
4288	L	85ª9	1	−0″0031	+0″002
	S	52.4	2	−0.0048	+0.025
	K	48.9	1	−0.0080	−0.022
	B	18.0	1*	−0.0017	−0.006
	Pa II	17.9	1	−0.0106	+0.050
4291	L	85.9	1	−0.0043	−0.078
	S	48.9	1	+0.0006	−0.078
	K	48.9	1	−0.0037	−0.106
4300	L	85.9	1	−0.0034	−0.008
	K	50.4	2	−0.0111	+0.002
	B	23.0	1	−0.0039	+0.074
	Pa II	17.9	1	−0.0050	+0.045
	Y	14.5 19.4	3,2	−0.0076	+0.041
4388	L	85.9	1	−0.0148	−0.028
	L-B	78.9	1	−0.0161	−0.006
	K	50.4	2	−0.0135	−0.034
	Pa II	18.2	3	−0.0071	+0.016
4399	K	52.6	3	−0.0059	−0.013
	S	49.4	4	−0.0045	+0.004
4400—4399	Σ	1827.7		+0″85	+2″8
		1881.2		+0.88	+3.0
4405	L	85.9	1	−0.0282	+0.071
	L-B	78.9	1	−0.0307	+0.081
	K	50.4	2	−0.0315	+0.105
4410	K	51.4	2	−0.0078	+0.084
	R	39	1	−0.0020	+0.046
	Pa II	18.9	1	−0.0042	+0.042
4412	L-B	78.9	1	+0.0066	+0.044
	K	50.4	2	+0.0107	+0.024
4414	L	84.2	1	−0.0097	−0.008
	Pu	39.0	4	−0.0082	−0.015
	R	38	8	−0.0047	−0.010
	Pa II	19.8 19.2	5,4	−0.0106	−0.010
	Gl II	11.5	3	+0.0026	−0.043
4432—4433	Σ	1829.5		−0″23	−1″8
		1881.2		−0.22	−1.6
4447	K	51.9	3	+0.0010	−0.164
4455	K	54.0	2	+0.0100	+0.041
4462	K	53.2	2	−0.0237	−0.013
4509	K	52.3	1	−0.0054	−0.008
	S	50.3	5	−0.0038	+0.008
4514	D'A	96.9	2	+0.0092	−0.034
	L	86.9	1	+0.0052	−0.017
	Pi	81	6,7	+0.0037	−0.023
	K	51.4	2	+0.0031	−0.014
	Pu	39.9	4	+0.0023	−0.020
	R	39	1	+0.0008	+0.046
	Y	15.8 14.9	2	+0.0082	−0.081
4558	K	53.0	2	+0.0045	−0.232
4571	L	86.0	1	−0.0021	−0.006
	Pi	80	13,9	−0.0047	−0.004
	K	52.0	1	−0.0104	+0.006
	Pu	38.8	4	−0.0049	−0.005
	R	38	1	+0.0005	+0.050
4593	L-B	79.0	1	−0.0039	−0.225
	K	51.5	2	−0.0099	−0.144
	R	38	1	−0.0029	−0.086
4618	S	51.9	4	−0.0062	−0.033
	K	51.9	1	−0.0066	−0.004
4629—4630	Σ	1829.9		−0″40	−14″8
		1880.4		−0.37	−15.6
4630	L	86ª0	1	−0″0020	+0″013
	Pi	80	5	+0.0027	+0.015
	S	56.2	4	−0.0068	+0.016
	K	54.1	1	−0.0059	+0.061
	Brü	18.6 16.6	2	−0.0027	−0.006
4634	K	54.0	1	−0.0161	+0.039
	R	38	2	−0.0042	−0.010
4636—4635	Σ	1830.1		+1″69	−16″3
		1880.8		+1.69	−16.3
4662	K	54.0	1	−0.0143	+0.033
	R	38	1	−0.0104	−0.021
4671	L	87.0	1	−0.0002	+0.006
	S	44.1	3	−0.0066	+0.041
4676	L	86.7	2	−0.0052	+0.017
	Pi	81	8	−0.0014	+0.022
	K	52.7	1	−0.0091	−0.015
4698	L	86.3	1	−0.0261	+0.151
	B	22.3	1	−0.0166	+0.121
4707	L	86.1	2	−0.0075	+0.009
	K	50.6	2	−0.0164	+0.040
4732	K	51.3	2	−0.0078	+0.092
4742	L	86.3	1	−0.0108	+0.005
	Pi	81	10,11	−0.0103	+0.050
	Pu	30.5	5	−0.0108	+0.023
4783	L	86.1	1	−0.0103	+0.080
	K	52.0	1	−0.0194	+0.048
4800	L	86.0	1	−0.0196	−0.007
	K	51.3	3	−0.0181	+0.047
	S	38.3	4	−0.0183	+0.029
4820	L	86.2	1	−0.0233	+0.146
	Pi	80	11,8	−0.0188	+0.123
	K	52.2	1*	−0.0238	+0.161
	Pu	39.2	4	−0.0209	+0.140
4837	L	86.2	1	−0.0159	−0.032
	Pi	80	9,11	−0.0103	−0.041
	K	52.2	1	−0.0117	+0.019
	R	35	1	−0.0118	−0.090
	Y	20.1 26.1	2,4	−0.0075	−0.038
4853	L	86.3	1	+0.0003	+0.064
	Pi	81	9	−0.0040	+0.046
	R	39	3	−0.0013	+0.047
	B	22.2	1*	−0.0090	+0.023
4878	L	86.0	1	−0.0129	+0.079
	K	51.9	1	−0.0198	+0.129
4884	K	52.5	2	−0.0126	−0.074
4926	L	87.0	1	+0.0110	−0.060
	K	52.0	1	+0.0115	−0.069
4936	L	86.0	1	−0.0213	−0.155
	R	39	1	−0.0247	−0.043
	Y	20.9 31.0	2	−0.0258	−0.232
4957	L	87.0	1	+0.0077	−0.079
	K	52.0	1	+0.0069	−0.038
4985	L	87.0	1	+0.0034	−0.047
	S	50.7	4	+0.0024	−0.047
	Brü	12.3 13.1	5	+0.0065	−0.008

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
5016	D'A	98.0	1	$+0^{s}.0086$	$+0''.007$
	Pi	81.4	12,13	+0.0023	+0.006
	K	52.1	1	+0.0012	+0.023
	R	36	1	+0.0093	−0.003
5026	L	86.4	1	−0.0125	−0.021
	K	53.4	2	−0.0097	−0.064
	S	41.8	3	−0.0122	−0.115
	Y	6.3 11.3	4,2	−0.0317	−0.027
5027—5026	Σ 1830.7	$-0^{s}.02$	$-3''.4$		
	1880.7	+0.03	−4.3		
5049	L-B	79.1	1	−0.0167	+0.049
	K	53.5	2	−0.0084	+0.058
	R	36.4	1	−0.0014	(+0.360)
5082	L	86.6	1	−0.0017	+0.066
	K	54.5	1	−0.0110	+0.083
	B	22.6	1	−0.0071	+0.084
5094	L	87.1	1	−0.0014	+0.009
	K	53.5	2	−0.0107	+0.050
5126	D'A	98.0	2	−0.0060	+0.082
	L	87.1	2	+0.0008	+0.085
	K	53.8	4	−0.0069	+0.026
	R	39	1	−0.0036	+0.015
5133	D'A	98.0	1	+0.0043	−0.107
	L	87.1	1	−0.0020	−0.055
	Pi	81	6,7	+0.0009	−0.022
	K	54.0	2	−0.0022	−0.065
5134	L	87.1	1	−0.0104	−0.034
	Pi	81	7,8	−0.0058	+0.009
	K	54.0	2	−0.0037	−0.070
	R	39	1	−0.0099	−0.063
5140	L	85.0	1	−0.0014	−0.025
	K	54.0	2	−0.0135	−0.002
5169-70	L	86.0	1	−0.0062	+0.083
	K	55.0	1	−0.0093	+0.089
	S	40.1	4	−0.0085	+0.067
	Pu	26.4	4	−0.0148	+0.091
5182	L	85.5	2	+0.0119	+0.030
	K	54.0	1	+0.0128	0.000
	Pu	38.8	4	+0.0088	+0.028
5184	D'A	98.1	3	−0.0278	−0.089
	L	87.1	1	−0.0289	−0.086
	Pi	81	6,8	−0.0294	−0.039
	K	55.0	1	−0.0318	−0.111
5191	L	86.1	1	−0.0598	+0.053
	K	54.0	1	−0.0568	−0.046
5253	K	54.5	4	−0.0103	+0.092
5266	D'A	97.3	3	+0.0117	+0.114
	L	86.3	1	+0.0090	+0.149
	Pi	81	12,14	+0.0050	+0.119
	K	54.2	1	+0.0007	+0.063
	Pu	39.2	4	+0.0033	+0.102
	R	37	1	+0.0036	+0.126
5271	K	53.2	3	−0.0083	+0.019
5277	L-B	79.3	1	+0.0071	−0.134
	K	55.3	1	−0.0031	−0.092
5279	K	52.9	2	−0.0062	+0.066
5325	L	82.0	1	−0.0222	+0.060
	K	54.0	1	−0.0141	−0.028
5399	K	54.0	2	−0.0089	+0.024
5440	K	53.0	2	$+0^{s}.0030$	$-0''.151$
	R	42	1	+0.0057	−0.118
5445	L	83.5	2	−0.0051	+0.030
	Pi	80	10,11	−0.0095	+0.054
	K	54.9	3	−0.0104	−0.011
	Pu	38.9	4	−0.0090	+0.028
	R	37	7	−0.0067	+0.021
	Y	15.1 27.0	3	−0.0066	+0.044
	Gl I	10.6	4	−0.0170	0.000
5486	L	85.0	1	−0.0009	−0.159
	K	54.0	2	−0.0080	−0.144
5510	L	82.2	1	−0.0019	+0.081
	K	54.0	2	−0.0100	+0.030
5522	L	81.2	1	+0.0018	−0.057
	K	53.0	2	−0.0008	−0.170
5570	D'A	97.3	3,4	−0.0012	−0.042
	L	81.5	1	−0.0009	−0.042
	K	55.3	1	−0.0040	−0.087
	Pu	39.3	4	−0.0028	−0.051
	R	39	1	−0.0008	−0.049
	Y	20.9 26.3	3,4	−0.0005	−0.057
	Gl I	14.8	4	−0.0149	+0.034
5626	D'A	97.2	2	−0.0028	−0.057
	Pu	34.6	4	−0.0084	−0.066
	Y	21.0 27.2	3	−0.0033	−0.077
	B	18.5	2*	−0.0054	−0.162
	Gl I	10.0 7.4	2,3	−0.0120	−0.054
5651	L	81.2	1	−0.0042	+0.071
	Pi	80	6,7	−0.0053	+0.073
	K	55.0	1	−0.0064	+0.018
5664	L	81.3	2	+0.0059	−0.154
	K	54.1	1	+0.0070	−0.157
5701	K	54.0	1	−0.0089	+0.031
5701-2	L	81.2	1	−0.0066	+0.009
5702	S	56.0	3	−0.0039	+0.043
	K	54.0	1	−0.0063	+0.080
5701—5702	Σ 1830.7	$-0^{s}.39$	$+2''.1$		
	1880.4	−0.43	+2.2		
5704	K	55.9	2	−0.0068	−0.288
5717	L	82.2	1	−0.0175	−0.017
	K	55.0	1	−0.0185	−0.024
	R	37	1	(+0.0029)	−0.067
	B	15.9	2*	−0.0201	−0.044
5753	L	82.2	1	+0.0033	−0.114
	K	55.0	1	−0.0013	−0.142
5762	L	81.2	1	+0.0064	+0.060
	K	55.2	1	−0.0020	+0.002
	S	52.4	5	−0.0031	+0.038
	R	43	1	−0.0037	+0.023
	Sa	28.4	2	−0.0032	+0.032
	Brü	10.4 14.5	4,3	−0.0048	+0.097
	Gl II	10.7 10.6	3,2	−0.0056	−0.170
5874	K	51.4	1	−0.0189	+0.230
	R	40	2	−0.0163	+0.308
5893	K	54.4	2	−0.0136	−0.153
5948	L	80.9	1	+0.0099	−0.176
	K	54.0	1	−0.0004	−0.207
	R	38	1	+0.0081	−0.227
5958	L	86.1	1	+0.0048	−0.029
	K	55.0	1	+0.0033	−0.053
	B	19.1	1	+0.0063	−0.220

Cat. Nr.	Vergl. mit	Δ Ep.	Beob.	Beob. jährl. EB. μ_α	μ_δ
5994	L	$81^a.1$	1	$-0^s.0026$	$-0''.107$
	Pi	80	6	+0.0005	−0.107
	K	55.0	1	−0.0082	−0.156
5998	L	81.1	1	−0.0036	−0.047
	K	55.0	1	−0.0093	−0.065
6083	S	55.9	6	−0.0029	+0.068
	B	23.0	1	−0.0004	0.000
6102	L	81.5	1	−0.0007	−0.582
	K	55.5	1	−0.0031	−0.557
6162	D'A	97.2	3	−0.0026	−0.002
	K	55.1	1	−0.0015	+0.009
	Pu	39.0	4	−0.0118	−0.033
6181	L	80.9	1	−0.0064	−0.011
	K	51.4	1	−0.0111	−0.010
	B	22.8	1	−0.0053	−0.004
	Gl II	11.0	2	+0.0064	−0.064
6253—6254	Σ 1829.9			$-0^s.43$	$-0''.9$
	1880.9			−0.48	−0.8
6505	L	86.1	1	+0.0013	−0.192
	K	52.0	1	−0.0017	−0.227
	R	39	3	−0.0028	−0.253
6570	L	87.1	1	−0.0012	−0.133
	K	53.1	1	−0.0081	−0.062
6578	K	52.0	1	−0.0046	−0.273
	B	21.9 21.8	1,1*; 1*	0.0000	−0.316
6726	L	86.0	1	+0.0040	+0.059
	Pi	80	3,5	+0.0042	+0.041
	L-B	78.9	1	+0.0003	+0.034
	K	52.0	1	+0.0060	+0.077
6765	K	56.1	1	−0.0164	−0.066
	MI	36.9	1	−0.0136	−0.098
6786	K	52.7	2	−0.0110	+0.063
6808	K	52.2	1	−0.0105	+0.034
	R	39	1	−0.0059	+0.044
6847	L	87.3	1	+0.0025	−0.014
	K	56.3	1	−0.0140	−0.114
	S	47.5	4	−0.0021	−0.067
6853	Pi	80.5	3,4	+0.0026	−0.134
	K	51.8	1	−0.0114	−0.212
6860	K	55.5	2	+0.0014	+0.142
	R	37	2	+0.0016	+0.081
	Pu	20.6	4	−0.0010	+0.097
7001	L	86.6	1	+0.0126	−0.031
	K	55.6	1	+0.0149	−0.056
	R	39	2	+0.0084	−0.089
	MI	36.5	1	+0.0030	−0.066
7039	S	50.8	5	−0.0041	−0.075
7091	L	87.1	1	−0.0024	−0.237
	K	56.1	1	−0.0062	−0.171
7097	L	87.0	1	+0.0059	+0.113
	K	56.0	1	+0.0102	+0.023
7098	L	87.1	1	+0.0016	+0.109
	K	56.1	1	−0.0030	+0.196
7137	K	53.0	1	−0.0019	−0.153
	R	40	1	+0.0025	−0.128
	MI	37.0	1	−0.0108	−0.205
7152	K	53.4	1	−0.0103	+0.060
	B	23.5	1	−0.0170	−0.111
7210	L	$88^a.1$	1	$-0^s.0058$	$-0''.202$
	K	56.1	1	−0.0005	−0.244
7211	K	56.1	1	+0.0057	−0.127
	R	37	1	+0.0117	−0.150
7365	L	83.6	1	+0.0042	−0.087
	K	55.6	1	−0.0014	−0.138
7370	D'A	96.0	1	+0.0042	+0.066
	L	87.1	1	+0.0003	+0.057
	K	55.1	1	+0.0098	+0.025
7375	L	88.4	1	−0.0145	−0.079
	K	56.4	1	−0.0089	−0.145
7419	L	84.1	1	+0.0036	−0.294
	K	56.1	1	−0.0014	−0.226
	R	42	4	+0.0022	−0.213
	MI	37.0	1	−0.0081	−0.243
	B	19.1	3*	−0.0063	−0.251
7428	L	83.5	1	+0.0071	+0.069
	K	55.5	1	+0.0094	−0.009
	MI	36.4	1	+0.0115	+0.011
7514—7516	Σ 1832.8			$-3^s.65$	$-48''.7$
	1881.3			−3.81	−53.8
7515—7516	Σ 1832.8			$-0^s.45$	$+9''.5$
	1881.2			−0.44	+9.9
7793	K	56.9	1	−0.0039	+0.139
	MI	37.0	2	−0.0092	+0.084
8052	L	87.5	1	+0.0069	+0.050
	Pi	81	13,10	+0.0065	+0.038
	K	57.5	1	+0.0094	−0.049
	MI	36.5	1	+0.0107	+0.115
8121	K	57.4	1	−0.0152	−0.010
	MI	36.4	1	−0.0148	+0.058
8127	K	55.8	2	+0.0315	+0.084
8133	K	57.1	3	−0.0079	−0.033
8145	K	55.4	2	−0.0107	−0.031
	R	39.2	1	−0.0018	−0.018
8187	L	88.1	2	+0.0117	−0.107
	K	56.0	2	+0.0157	−0.148
	Arm	29.7 33.1	3,5	+0.0185	−0.133
	Pu	25.1	4	+0.0151	−0.124
	Brü	11.4 15.8	4,3	+0.0158	−0.089
8208	D'A	98.0	1	+0.0116	+0.047
	L	88.0	1	+0.0062	−0.007
	Pi	82	8,9	+0.0089	+0.036
	K	55.8	2	+0.0104	+0.022
	Pu	38.8	4	+0.0080	+0.021
	Gl I	20.9 8.1	6,3	−0.0005	+0.099
	Y	4.8 12.3	3.2	+0.0167	−0.041
8246	K	56.8	1	−0.0067	−0.139
	MI	37.7	1	+0.0117	−0.143
8432	K	54.7	1	−0.0110	−0.196
	R	34	1	−0.0072	−0.139
	B	22.8	1	−0.0219	−0.140
8548	K	56.9	1	−0.0402	−0.074
	R	41	2	−0.0435	−0.007
	MI	37.8	2,1	−0.0489	−0.093
8619—8620	Σ 1835.9			$-1^s.26$	$+54''.2$
	1880.7			−2.29	+54.8
8662	L	85.4	1	+0.0056	+0.009
	K	55.5	2	+0.0052	−0.045
	R	36	1	+0.0074	+0.014

28*

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
8719	K	57.9	2	+0.0017	−0.076
	S	48.5	4	+0.0037	−0.066
8819	K	55.2	1	+0.0096	+0.038
	M I	38.1	1	+0.0102	+0.013
8860	D'A	97.6	2	+0.0086	−0.066
	L	87.4	1	+0.0065	−0.063
	K	56.4	2	+0.0117	−0.037
	Pu	38.8 39.0	4,3	+0.0080	−0.069
8887-8	L	87.6	2	+0.0015	−0.054
	L-B	77.6	1	+0 0010	−0.057
	K	56.6	2	−0.0021	−0.069
	S	48.8	6	−0.0014	−0.043
	M I	38 5	4	−0.0016	−0.034
8894	D'A	97.9	1	+0.0094	+0.005
	L	85.6	1	+0.0076	+0.004
	K	54.4	3	+0.0037	+0.004
	Pu	38.9	4	+0.0057	−0.021
	M I	38.5	1	+0.0101	−0.010
	R	37	1	+0.0056	−0.016
8895	K	56.5	2	+0.0110	−0.062
8904	D'A	98.4	1	+0.0136	+0.039
	L	86.1	1	+0.0066	+0.003
	K	54.2	2	+0.0017	+0.030
	Pu	39.6	4	+0.0053	+0.005
	R	38	6	+0.0097	+0.024
8929	K	54.7	1	+0.0084	+0.143
	M I	37.6	3	+0.0138	+0.144
	R	36	1	+0.0126	+0.126
8959	L	88.2	1	−0.0141	−0.066
	K	56.2	1	−0.0162	+0.041
	R	45	1	−0.0149	—
8972	D'A	98.2	1	+0.0087	−0.013
	L	85.9	1	+0.0041	−0.037
	K	54.0	2	+0.0037	−0.022
	R	37	2	+0.0014	−0.003
8982	L	85.9	1	+0.0030	−0.095
	K	56.0	1	−0.0023	−0.120

Cat. Nr.	Vergl. mit	ΔEp.	Beob.	Beob. jährl. EB. μ_α	μ_δ
8989	K	54.6	3	+0.0093	−0.011
9021	L	85.8	1	+0.0059	−0.024
	K	53.9	2	+0.0063	+0.041
	M I	38.7	1	+0.0047	+0.062
	Gl II	10.2	2	−0.0010	+0.127
9031	L	85.6	1	−0.0060	−0.018
	K	53.7	2	−0.0074	0.000
	Pu	35.3	4	−0.0054	−0.023
	Gl II	10.2	2	−0.0157	+0.137
9069	L	85.9	1	−0.0059	+0.045
	K	52.0	1	−0.0154	+0.150
9073	K	53.7	2	+0.0071	−0.041
	M I	38.5	1	+0.0042	−0.091
9095	L	88.6	1	−0.0129	−0.003
	K	56.4	1	−0.0138	−0.087
	R	36	2	−0.0069	−0.030
9107	L	87.6	1	+0.0032	+0.017
	K	54.2	3	+0.0052	−0.007
	M I	38.4	1	+0.0026	+0.034
9140	K	55.0	1	+0.0113	−0.089
	M I	37.9	1	+0.0166	−0.069
9149	D'A	97.1	4	+0.0005	+0.011
	L	87.6	1	−0.0023	−0.024
	Pi	81	6	−0.0050	+0.011
	K	55.5	1	−0.0070	+0.050
	R	41	2	−0.0044	−0.010
	Pu	26.3	4	−0.0011	−0.008
9159—9160	Σ 1830.6	−0.48	+6.4		
	1881.3	−0.49	+6.7		
9164	K	53.7	2	−0.0034	−0.099
9168	K	52.2	1	+0.0057	−0.025
	R	36	1	+0.0125	+0.003
9204	K	54.2	1	+0.0096	−0.076
	M I	37.1	1	+0.0024	−0.127

Verzeichniss von Sternen mit stärkeren Abweichungen.

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
8	K	54^a.4	1	+0^s.80	+0$''$.2
151	K	52.0	1	+0.04	+3.4
	B	23.0	1	+0.04	−4.9
251	K	52.4	1	−0.36	−10.7
254	K	53.0	1	+0.47	−2.2
	M I	38.9	1	+0.14	+0.4
	(E.B. +0^s.006 —)				
286	K	53.6	1	−1.23	+4.3
	M I	38.7	1	−0.06	−0.5
326	K	51.6	1	+0.56	+0.4
363	L	84.0	1	−0.19	−2.0
	Pi	81	7,8	−0.15	−2.1
	K	53.0	1	−0.40	−2.7
	Pa II	22.2	1	+0.14	—
	(E.B. −0^s.002 −0$''$.03)				
466	K	52.6	1	−0.43	−4.8
622	K	53.0	1	+1.06	+10.2
664	K	53.3	1	−0.72	−4.6
730	L	87.4	1	−0.23	+0.6
	K	48.0	1	−1.26	−3.6
	R	36	1	+0.01	−0.5
	Pa II	21.7 21.2	2	−0.26	+0.4
737	K	48.3	1	−0.69	+1.0
	Pa I	36.5	1	+0.12	—
738	K	59.2	1	−0.78	+0.9
	R	37	1	+0.10	+3.0
	Y	18.8 22.3	4,5	+0.03	+0.2
747	K	59.2	1	+0.57	−11.3
773	K	48.4	1	+0.63	−8.3
	B	22.3	1*	+0.03	−0.7
927	K	48.3	1	+0.33	−4.8
	R	40	2,3	+0.05	−0.7
	(E.B. +0^s.004 −0$''$.05)				
928	K	58.3	1	+0.04	−7.0
975	L	84.3	1	+0.11	−3.9
	K	47.1	1	−0.62	+2.9
	R	39	1	−0.19	−3.7
	Y	5.2 2.2	3,2	+0.02	−0.7
1017	K	47.6	1	−0.58	+4.8
1075	K	52.4	1	+0.56	−2.8
1290	D'A	96.4	1	−0.60	−8.7
	L	87.4	1	−0.25	−1.3
	Pi	81	4,3	+0.05	+3.0
	K	53.3	1	−0.57	+0.8
	R	40	3	−0.05	+0.6
	Pa II	22.2 23.2	2,1	−0.22	−0.2
	(E.B. −0^s.003 0.00)				
1372	K	52.3	1	−0.71	−2.0
	R	39	2	−0.01	−1.2
1690	K	48^a.3	1	+0^s.13	−9$''$.8
1739	K	54.5	1	−0.55	+2.3
1766	L	87.1	2	−0.12	+1.5
	Pi	81	6,5	−0.23	−0.1
	K	54.9	1	−0.58	+3.5
	(E.B. −0^s.004 +0$''$.01)				
2221	K	50.1	1	−0.79	−1.5
2294	K	48.9	1	−0.83	+0.2
2366	D'A	97.8	3	+0.90	−4.6
	L	82.9	1	+1.05	+2.0
	Pi	81	15,6	+0.03	+2.7
	K	54.8	1	−0.11	+4.6
	Pa II	23.9	1	—	+0.2
2384	K	48.9	1	−0.72	+4.1
2456	K	54.9	1	−0.82	−3.8
2492	L	87.0	1	+0.15	−4.4
	K	54.9	2	−0.67	+2.3
2509	L	84.0	1	−0.50	+4.9
	K	56.0	1	+0.34	+2.3
	(E.B. — +0$''$.05)				
2520	L	83.0	1	+0.20	+0.5
	K	54.1	1	+0.50	−0.5
	(E.B. +0^s.005 —)				
2604	K	54.7	1	+0.01	−6.6
2722	K	54.9	1	+0.60	−3.5
2805	L	83.5	1	−0.31	+0.7
	K	55.5	1	+0.65	+5.7
	R	39	1	+0.07	+2.5
	(E.B. — +0$''$.05)				
2888	K	56.0	1	−0.20	−7.8
2942	K	55.5	1	−0.96	+0.4
	B	22.6	1	+0.15	+3.2
2993	K	54.9	1	+0.60	−9.8
3153	K	54.6	1	+0.77	−1.1
3179	K	54.9	1	−0.83	−12.8
3363	B	22.0	2	+0.58	−2.6
	(E.B. +0^s.026 −0$''$.12)				
3365	K	55.5	1	+0.12	−8.1
3447	K	55.1	1	−0.97	+6.9
3470	L	85.0	1	−0.01	+1.9
	Pi	81	2	+0.02	−0.5
	K	56.0	1	−0.43	0.0
	B	22.1	2	−0.10	+0.6
	Pa II	19.0	1	−0.35	−1.4
	Y	14.3 16.0	4,2	−0.06	−0.4
	(E.B. −0^s.004 —)				
3695	K	54.6	1	0.00	−8.4
3737	K	55^a.1	1	−0^s.46	−11$''$.6
3746	K	55.9	1	−0.60	+8.4
3765	K	54.4	1	−0.54	+5.1
3812	D'A	96.3	2	+1.72	−3.2
	L	85.3	1	−0.14	−3.1
	Pi	81	6	−0.13	+0.3
	K	56.3	2	+0.24	0.0
	R	39	4	+0.10	−1.2
	Pa II	18.2	2	−0.05	−0.3
	(E.B. — −0$''$.01)				
3823	K	56.0	1	−0.80	−18.0
3835	D'A	98.0	3	0.00	−3.7
	L	85.9	1	−0.11	−2.2
	Pi	81	7,8	−0.38	−1.6
	K	55.0	1	−0.42	−2.8
	R	39	1	0.00	+1.5
	(E.B. −0^s.003 −0$''$.02)				
3852	K	51.1	1	+0.38	−10.8
3998	K	49.9	1	+0.41	+2.0
	K −1' corr.				
4039	L	86.9	1	+0.19	+0.9
	K	55.0	1	−0.68	−1.0
	R	39	1	+0.04	−4.2
	Pa II	18.9	1	+0.11	−1.1
4045	K	55.0	1	−0.59	+4.1
	R	39	1	+0.15	+2.0
	(E.B. — +0$''$.06)				
4074	K	51.3	1	−0.81	+5.5
4089	K	55.0	1	−0.76	−1.3
4093	K	54.6	1	−0.70	+1.6
4111	K	49.2	1	−0.57	+5.6
4125	L	82.4	1	−0.08	−1.9
	K	50.9	2	−0.56	+1.4
	R	39	4,2	−0.01	+0.6
	Pa II	17.9 19.2	4	+0.04	+1.8
4129	K	51.0	1	−0.61	−10.3
	Brü	16.6 12.9	3	−0.10	−0.8
	(E.B. −0^s.008 −0$''$.13)				
4133	K	49.2	1	−1.11	−1.6
4197	L	81.9	1	−0.05	−1.1
	K	51.0	1	−0.82	+0.3
	Pa II	16.9	3.4	−0.25	−0.3
	L +1^s?				
4199	K	49.2	1	−0.80	+1.1
4228	K	51.4	1	−1.19	−25.7
4230	K	50.0	2	−0.56	+0.8
	Diff. der beiden Beob. K 0^s.4				
4312	K	48.9	1	−0.93	+7.2

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
4396	K	$51^{s}.0$	1	$-0^{s}.63$	$-0''.4$
	R	39	1	+0.07	−0.5
4406	K	51.4	2	+0.67	+0.3
	Diff. der beiden Beob. K $0^{s}.85$				
4429	K	53.3	2	−0.67	+1.0
	Diff. der beiden Beob. K $0^{s}.6$				
4436	K	48.9	1	+0.84	+8.0
4446	L	85.9	1	−0.10	+2.8
	K	51.9	1	−0.58	+3.1
	Y	19.4 21.9	2,4	−0.02	+0.6
	(E.B. — $+0''.04$)				
4449	K	51.3	1	−1.74	+1.2
4460	K	53.5	3	+0.31	−1.7
4508	K	51.2	1	−1.82	−1.6
4524	K	54.9	1	−0.92	−1.3
4557	D'A	97.9	1	+0.14	+3.1
	L	87.0	1	−0.24	+1.0
	Pi	81	9,18	−0.24	+2.6
	K	55.0	1	−0.46	+2.1
	Pu	40.0	7,4	−0.07	+0.6
	R	39	2	−0.41	+0.2
	(E. B. $-0^{s}.003$ $+0''.02$)				
4574	R	38.3	1	−0.42	−3.8
	B	22.0	1*	−1.12	−3.8
4582	K	51.3	1	−0.66	+3.0
4604	K	51.9	1	−1.01	+4.7
4606	K	49.1	1	−0.32	+5.5
	$K-1^{m}$ corr.				
4609	L	86.1	1	+0.02	+3.3
	Pi	80	7,8	−0.40	+2.0
	K	49.1	1	−0.49	+1.6
	(E.B. — $+0''.03$)				
4614	K	52.0	1	−0.53	+5.5
4619	K	52.0	1	−0.62	+3.5
4631	L	86.3	1	+0.27	−4.8
	Pi	81	4,2	+0.06	−5.4
	K	51.3	1	−0.58	−0.5
4633	K	51.5	1	−0.99	+6.0
4637	K	54.0	1	−0.77	−5.4
4675	K	55.0	1	−0.49	+6.4
4697	K	52.3	1	−0.57	+4.7
4702	K	52.4	1	−1.02	−1.2
4728	K	51.3	1	−0.71	+0.4
4736	K	51.5	1	−0.43	+8.6
4763	K	52.6	1	−0.85	+3.2
4811	K	51.9	1	−0.83	−2.0
	B	22.0	1	+0.03	+0.5
4817	K	51.3	1	−1.09	+0.1
4830	K	51.3	1	−0.87	−3.5
4856	K	55.2	1	−0.35	+5.7
4859	K	51.3	1	−0.80	+5.7
	K −10' corr.				
4886	K	52.0	1	+0.54	+5.0
4888	K	52.1	1	−0.60	+10.4

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
4893	K	$51^{s}.6$	2	$-0^{s}.23$	$+11''.2$
	Y	11.4 18.5	3,2	−0.07	−5.9
4901	D'A	95.3	1	+0.80	+7.7
	L	86.3	1	+0.49	+5.7
	Pi	81	13	−0.48	+3.0
	K	51.3	1	−0.29	+3.0
	Y	14.7 6.7	2	−0.05	−3.5
	(E. B. — $+0''.06$)				
4931	L	86.0	1	−0.15	−1.5
	K	51.9	1	−0.82	−1.1
4945	K	53.0	1	−0.67	+4.1
	Y	6.6 13.2	4	−0.02	−2.7
4982	K	52.0	1	−0.86	+7.8
5000	K	52.0	1	−0.79	+3.3
5007	L	85.0	1	−0.24	−2.5
	K	52.1	1	−0.81	+0.5
5009	L	85.2	1	+0.07	−1.8
	K	52.2	1	−0.56	−9.5
5034	K	52.0	1	−0.94	+3.0
5042	K	54.9	1	−1.21	−6.7
5056	L	86.4	2	+0.11	−0.5
	Pi	81	5,7	−0.04	+0.1
	K	55.3	1	+0.48	+0.1
5098	K	54.7	1	−0.64	+2.3
5154	K	54.0	1	−0.66	−3.0
5161	K	56.0	1	−0.45	−9.8
5185	K	52.0	1	+0.61	+2.3
5222	K	55.5	1	+0.08	−10.8
	K +3' corr.				
5225	K	55.0	1	−0.56	+2.3
5235	K	54.9	1	+0.18	−7.9
5261	D'A	97.3	2	+0.02	−0.7
	L	86.4	1	+0.08	−1.5
	Pi	81	7	−0.05	−1.2
	K	53.6	3	−0.15	−3.5
	(E. B. — $-0''.02$)				
5301	K	55.5	1	−0.49	−4.5
5308	K	56.0	1	+0.54	−18.6
5378	L	82.2	1	−0.17	−2.3
	K	54.3	1	−0.94	−2.0
5407	K	52.0	1	−1.08	+2.4
5437	K	56.0	1	−0.68	+2.3
5456	K	52.0	1	−0.46	+5.1
5459	K	51.0	1	+0.64	−19.2
5462	K	55.0	1	+0.11	−8.6
5475	K	54.9	1	−0.31	−6.4
5487	L	81.2	1	+0.38	−0.3
	K	53.0	2	−0.22	−6.2
	B	22.3 22.0	1,1*;1*	−0.01	−1.4
5500	K	55.0	1	−0.74	0.0
5525	D'A	98.1	2	+0.05	−6.4
	L	82.2	1	+0.10	+0.7
	K	54.6	3	−0.27	−4.2
	R	43	1	−0.09	−1.1
	Pu	39.0	4	−0.16	−2.0
	(E. B. $-0^{s}.003$ $-0''.05$)				

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
5632	K	$55^{s}.5$	2	$-0^{s}.61$	$-2''.1$
	Diff. der beiden Beob. $0^{s}.6$				
5672	K	54.9	1	−1.57	−2.1
5674	K	54.0	1	−0.52	+4.6
5685	K	54.9	1	−1.19	−1.0
5706	K	55.9	1	−0.30	−6.1
5709	K	54.9	1	−0.62	−10.0
	R	42	1	+0.1	+2.2
	B	23.0	1	+0.28	+1.0
5732	K	54.9	1	−0.71	−4.3
5771	L	80.9	1	+0.30	−0.8
	K	54.9	1	−0.45	−13.8
5786	K	55.1	1	−0.41	−3.1
5813	K	55.9	1	−0.61	0.0
5928	L	82.0	1	−0.02	+1.8
	K	55.9	1	+0.85	−1.7
5953	K	54.0	1	−1.26	−0.2
6005	K	55.3	1	−0.53	−1.5
6012	K	52.0	1	−0.60	−4.4
6056.7	K	56.0	1	−0.56	−9.4
6105	K	52.0	1	−0.45	+4.2
6111	K	51.9	1	−0.51	−1.8
6180	L	81.0	1	+0.46	+7.8
	K	52.0	1	−0.42	+1.9
	(E. B. — $+0''.07$)				
6223	L	87.2	1	+0.04	+1.4
	K	53.1	1	−0.38	+12.4
6245	K	52.3	1	−1.38	+10.0
6252	L	81.1	1	+1.59	−2.4
	Pi	80	6	+0.11	+2.1
6284	L	82.0	1	+1.61	+5.0
	K	53.0	1	+0.19	−0.7
	S	49.0	1	−0.09	−3.6
	Sa	30.5	2	+0.03	−1.6
	Brü	11.6 10.7	3	−0.05	+0.4
6329	L	82.0	1	+0.38	−1.4
	K	53.0	1	−0.47	−2.0
	R	42	1	−0.25	−0.1
6337	K	53.0	2	−0.32	−3.0
6362	K	55.0	1	−0.48	−4.8
6399	D'A	97.0	2	+0.20	−4.7
	L	86.0	1	−0.24	−2.2
	K	52.0	1	−0.23	−4.6
	R	37	7	−0.10	−0.7
	(E.B. $-0^{s}.002$ $-0''.04$)				
6404	K	55.5	1	+0.70	+3.4
	B	22.5	1	−0.01	+0.8
6494	D'A	98.3	1	−0.18	+2.2
	L	87.0	1	−0.14	+0.6
	Pi	82	15,13	+0.24	+2.8
	R	39	4	−0.08	+1.4
	Pu	37.0	4	−0.18	+0.8
	(E.B. $-0^{s}.002$ $+0''.03$)				
6495	K	52.0	1	−0.27	−5.7

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
6520	L	87.0	1	−0.20	−2.4
	K	53.0	2	−0.41	+3.0
	R	38	1	+0.40	+2.3
6535	K	55.1	1	−0.79	−22.6
6539	L	84.1	1	−0.15	−5.5
	K	55.1	1	−1.14	−0.8
6559	L	84.1	1	−0.07	+2.8
	B	22.1	1	−0.07	+4.5
6572	K	52.5	1	+0.74	+1.0
6582	K	52.5	1	+0.93	+2.1
6591	K	53.1	1	0.00	−5.6
6593	K	52.0	1	−0.60	−0.3
6630	K	55.4	1	−0.09	+4.2
6635	L	87.2	1	−0.03	−9.4
	L-B	78.3	3,2	+0.21	−1.6
	K	53.3	1	+0.14	−1.0
	R	40	4,3	−0.06	−0.6
	Pu	37.5	4	−0.05	−2.4
		(E.B. — −0.05)			
6679	K	56.1	1	+0.01	+33.1
6769	R	38	1	+0.06	+1.3
	B	23.1	1*	+0.25	+5.0
		(E.B. +0.006 +0.13)			
6779	K	53.0	2	−0.28	−4.9
		(E.B. −0.005 −0.09)			
6833	K	56.2	1	+0.78	+18.5
6861	K	55.1	1	+0.32	+8.3
	R	39	1	−0.22	—
6883	K	52.2	1	−0.12	−5.6
6908	K	51.8	1	−0.12	−6.2
6952	K	53.3	1	−1.69	−4.4
	M I	37.1	1	−0.40	+2.8
	B	23.0	1	−0.12	−3.4
		K −1s?			
6974	K	53.1	1	−0.81	−1.2
	M I	37.1	1	+0.02	+0.4
7138	K	56.1	1	−0.42	−11.9
7275	D'A	98.2	3	+0.89	+0.6
	L	88.5	2	−0.30	−1.2
	K	56.5	2	+0.32	−2.0
7345	K	55.4	1	−0.70	−1.9
7361	K	56.2	1	+0.53	+1.5
7495	L	83.2	1	−0.27	+1.4
	Pi	81	5,8	+0.15	+1.8
	K	52.1	1	−0.46	+4.8
		(E.B. — +0.03)			
7541	K	55.1	1	−0.77	−0.6
7563	K	56.1	1	−0.63	−3.3
7611	K	56.2	1	+1.27	+3.2
7614	K	56.1	1	−0.10	−3.6
	M I	37.0	1	−0.21	−2.1
		(E.B. −0.003 −0.06)			
7665	K	57.5	1	+0.86	+1.5
	M I	36.5	1	−0.11	+4.3
7674	L	88.3	1	−0.48	−5.6
	Pi	82	4	−0.16	−0.9
	K	56.3	3	−0.03	−1.9
	R	37	1	+0.28	−1.4
		(E.B. — −0.03)			

Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
7677	K	55.8	1	−0.39	−13.1
	R	37	1	+0.31	−1.2
	B	23.8	1	+0.08	−1.5
7709	K	57.3	1	−0.20	+7.7
	M I	36.4	1	+0.02	+1.7
7711	D'A	97.2	2	+0.17	+4.0
	L	88.3	1	−0.48	−0.2
	Pi	82	7,8	−0.04	+0.2
	K	56.3	2	+0.33	+2.9
	R	38	2	−0.24	+3.5
7718	K	56.1	1	+0.18	−5.4
	M I	36.9	1	−0.39	−0.7
7728	L	84.5	1	+0.14	+5.0
	L-B	80.5	1	−0.19	−1.9
	K	56.5	1	+0.76	−0.2
	M I	37.5	1	−0.20	−4.4
7742	K	56.2	1	−0.52	+3.6
7799	K	56.0	1	−0.54	+0.1
7820	K	56.0	1	−0.16	−5.9
7939	K	56.3	1	−0.67	+1.5
7952	K	56.2	1	−1.20	−14.6
8067	K	57.5	1	−0.17	+8.7
8074	K	57.9	1	+0.60	−0.1
8125	Pi	81	8	−0.38	+0.8
	K	55.3	1	−0.45	+1.2
	R	37	1	−0.05	+1.1
		(E.B. −0.005 +0.02)			
8130	L	86.8	1	−0.02	−0.6
	K	56.8	1	+0.02	−7.9
	M I	37.1	3	+0.28	−2.2
		(E.B. — −0.06)			
8131	L	88.1	1	−0.25	−0.9
	K	55.9	1	−0.68	−2.7
		(E.B. −0.007 −0.03)			
8196	K	56.3	1	−0.94	+3.5
8206	L-B	80.0	2	−0.29	+2.2
	K	57.8	2	−0.37	−3.8
	M I	38.8	2	+0.22	+3.3
8243	K	57.4	1	−0.84	−2.1
8259	K	57.4	1	+0.58	+4.4
8288	L	86.7	1	−0.01	−3.6
	Pi	80	6,8	+0.04	−3.2
	K	56.6	1	+0.02	−5.2
	R	38	1	−0.12	−0.7
		(E.B. — −0.04)			
8304	L	89.1	1	−0.02	+1.7
	R	36.7	1	−0.03	+0.1
	B	24.3 24.9	2,1	−0.09	−11.6
8308	K	55.9	2	+0.38	+3.8
		(E.B. +0.007 +0.07)			
8364	L	87.9	1	−0.16	−4.6
	Pi	82	3,4	−0.10	−2.4
	K	57.8	1	+1.00	−1.9
		(E.B. — −0.04)			
8374	Pi	81	4	−0.60	−7.2
	K	57.3	1	+0.02	−2.8
	R	35	1	0.0	−1.3
		(E.B. — −0.07)			

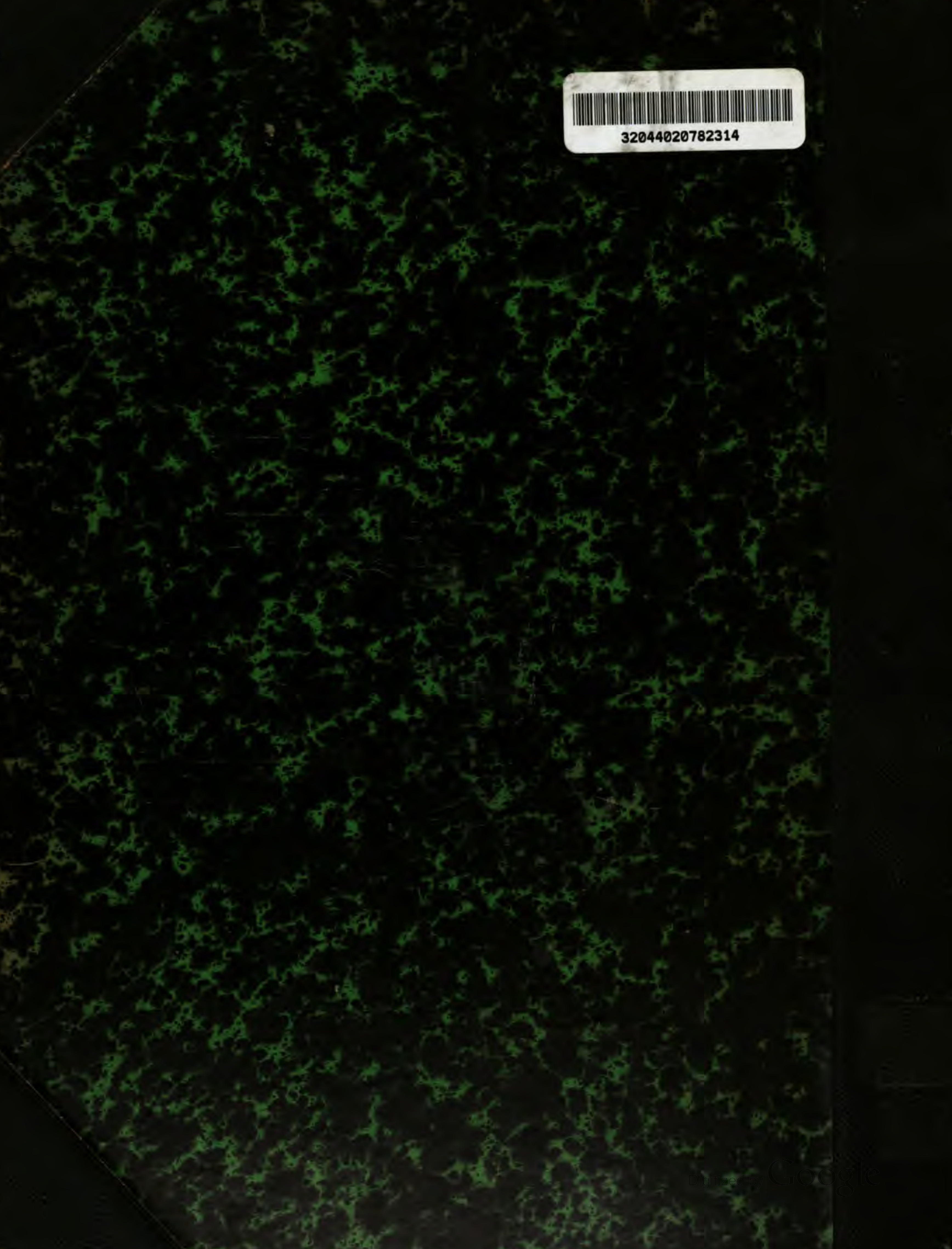
Nr.	Cat.	ΔEp.	Beob.	Δα	Δδ
8386	L	87.0	1	−0.35	−2.4
	Pi	81	9,11	−0.02	−2.2
	K	56.9	1	−0.20	+8.4
	R	39	2,1	+0.35	−4.0
8435	L	87.1	1	−0.50	−5.8
	K	54.9	1	−0.68	−2.8
	R	37	1	0.00	+1.0
		(E.B. −0.006 −0.04)			
8442	K	57.9	1	−0.50	−7.3
8460	L	87.2	1	−0.44	+0.5
	Pi	81	8,9	−0.06	+0.2
	K	57.2	1	−0.60	+2.0
	R	36	1	+0.12	+3.6
		(E.B. −0.003 +0.02)			
8535	K	56.1	2	−0.48	−4.4
		(E.B. −0.009 −0.08)			
8555	K	54.6	1	+0.46	+1.2
8578	K	54.9	1	−0.82	−9.5
8597	K	55.3	1	−0.84	−7.1
8632	K	54.9	1	+0.36	−0.1
	M I	37.8	1	−0.49	−3.7
8634	K	56.9	1	+0.42	+0.3
	M I	35.9	1	+0.12	−0.6
		(E.B. +0.006 —)			
8670	L	84.9	1	+0.48	+5.6
	K	55.1	1	−0.68	−4.6
8730	K	55.5	1	+0.26	−11.3
	B	22.3	1*	+0.04	−0.8
8832	L	88.1	1	+0.17	−4.0
	Pi	82	6,11	−0.26	−2.5
	K	56.0	1	−0.51	+0.4
	Pu	26.6	4	+0.01	−1.1
	Gl II	10.1	2,3	−0.30	−0.5
		(E.B. — −0.03)			
8841	K	57.8	1	−0.18	−6.6
	Gl II	10.2	3	+0.01	+0.7
8869	L	85.9	1	−0.25	−0.6
	K	52.0	1	+0.54	+0.4
	M I	38.8	1	−0.29	−0.2
	R	38	1	+0.20	+2.0
8877	K	55.4	1	−0.80	−5.7
	R	37	5	+0.03	−0.2
8945	D'A	97.0	1	+1.05	−3.3
	L	88.1	1	−0.40	+0.6
	K	51.9	1	−0.70	+2.1
	R	38	1	+0.05	−1.4
9032	L	85.8	1	+0.07	+1.9
	K	53.9	2	+0.35	+1.1
		(E.B. +0.004 +0.02)			
9071	K	55.4	1	−1.07	+3.2
	M I	38.2	2	−0.05	+1.6
9100	D'A	96.7	1	−0.34	+1.6
	K	54.6	1	−0.72	−0.8
	M I	37.5	3	−0.33	+0.2
	R	37	1	+0.05	0.0
		(E.B. −0.007 0.00)			
9173	K	55.9	1	+0.49	+1.5

Berichtigungen.

Pag. 4	Nr. 140	Col.	B.D.	lies 20 54 statt 20 55	
» 51	» 2500	»	»	fehlt Klammer	
» 60	» 2940	»	»	»	»
» 70	» 3431	»	»	Klammer zu streichen	
» 71	» 3494	»	»	fehlt Klammer	
» 72	» 3507	»	»	»	»
» 80	» 3903	»	»	Klammer zu streichen	
» 94	» 4629 }	»	»	fehlt Klammer	
»	» 4630 }				
» 124	» 6117	»	»	»	»

Berlin, gedruckt in der Reichsdruckerei.




32044020782314